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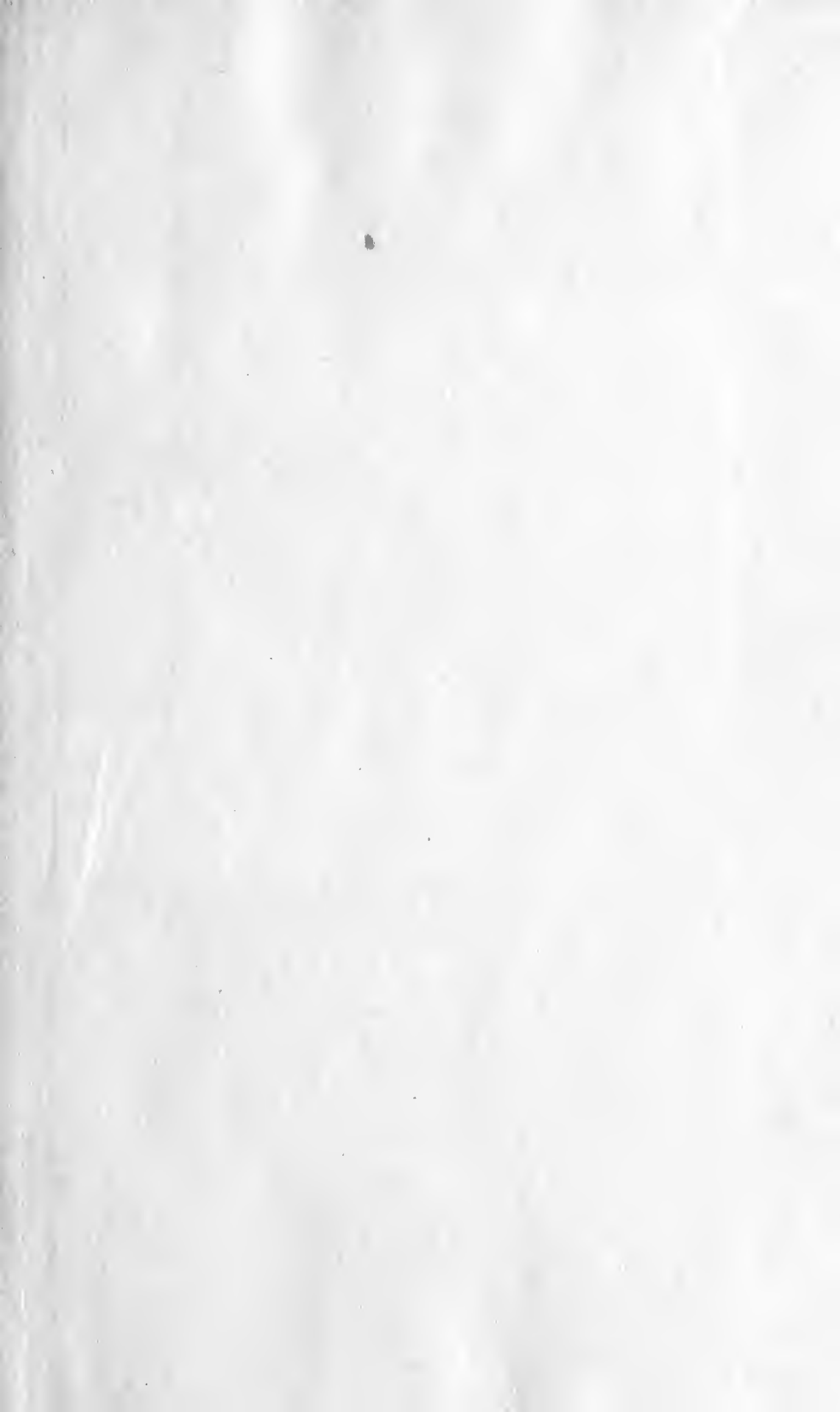
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ANNUAL REPORT  
OF THE  
STREET DEPARTMENT  
FOR THE  
YEAR 1906

COMPLIMENTS OF

JAMES H. DOYLE,

Superintendent of Streets.

PLEASE EXCHANGE.

BOSTON  
MUNICIPAL PRINTING OFFICE  
1907





ANNUAL REPORT  
OF THE  
STREET DEPARTMENT  
FOR THE  
YEAR 1906



BOSTON  
MUNICIPAL PRINTING OFFICE  
1907

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Cont.

Boston. Street Department.  
Feb. 3. 1908

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STREET DEPARTMENT,  
CITY HALL, BOSTON, February 1, 1907.

HON. JOHN F. FITZGERALD,

*Mayor of the City of Boston :*

SIR, — In compliance with the Revised Ordinances the annual report of the operations and expenses of the Street Department for the year 1906 is respectfully submitted.

In accordance with the recommendations made by you in your inaugural address, January 1, 1906, that the different divisions of the Street Department should be established as independent departments, an ordinance to amend chapter 38 of the Revised Ordinances of 1898 was passed by the City Council and approved February 14, 1906. The ordinance provided that the Street Department should be made up of what was formerly the Paving and Ferry Divisions of the Street Department.

The Ferry Division is now, as before, in charge of a Deputy Superintendent.

APPROPRIATIONS.

The amount of money appropriated for Street Department work for the past year was as follows :

*First.* — Maintenance : From income of the city raised by taxes. Prior to the commencement of the financial year, February 1, the department estimates of the amounts necessary for the proper maintenance of the department are submitted to His Honor the Mayor, who makes his recommendations to the City Council.

The maintenance appropriations, as passed by the City Council, were as follows:

Street Department . . . . .	\$900,000 00
Ferry Division . . . . .	243,000 00
Total . . . . .	<u>\$1,143,000 00</u>

*Second.*—Special work done under loan appropriations for permanent improvements. There was made available from loan money for new or construction work \$900,000, as follows:

Street Improvements . . . . .	\$750,000 00
Columbus Avenue, asphaltting . . . . .	150,000 00
Total . . . . .	<u>\$900,000 00</u>

*Third.*—Loans under chapter 393 of the Acts of 1906, and chapter 323 of the Acts of 1891, and amendments thereto. Under authority of these acts the city is empowered to borrow money inside the debt limit. From the money so borrowed new streets, assessable on the abutting property, are built. The amount expended by the Street Department the past year was:

Highways, making of . . . . .	<u>\$66,376 34</u>
-------------------------------	--------------------

*Fourth.*—Appropriation received from the sale of a portion of Deer Island to be expended by the Street Department on account of

Copley Square, betterment and relocation of . . . . .	<u>\$40,000 00</u>
---	--------------------

The expenditures under the several appropriations for the year 1906 were as follows:

Maintenance . . . . .	\$1,202,734 68
Street Improvements . . . . .	739,139 87
Columbus Avenue, asphaltting . . . . .	120,931 13
Coal-pocket, Ferry Division . . . . .	25,000 00
Highways, making of . . . . .	66,376 34
Street Department, Special appropriations . . . . .	35,207 70
Total . . . . .	<u>\$2,189,389 72</u>

**Recapitulation of Expenditures for the Twelve Months ending  
January 31, 1907.**

OBJECT OF APPROPRIATION.	Current Expenses.	Special Appropriations.	Totals.
Street Department.....	\$937,270 85	.....	\$937,270 85
Ferry Division.....	265,463 83	.....	265,463 83
Street Improvements.....	.....	\$739,139 87	739,139 87
Highways, making of.....	.....	66,376 34	66,376 34
Columbus avenue, asphaltting.....	.....	120,931 13	120,931 13
Coal-pocket, Ferry Division.....	.....	25,000 00	25,000 00
Atlantic avenue, reconstruction.....	.....	10,152 66	10,152 66
Atlantic avenue, extension.....	.....	920 37	920 37
Abolishment of Grade Crossings.....	.....	15 00	15 00
Cambridge Bridge.....	.....	607 15	607 15
Carleton street.....	.....	594 04	594 04
Freeport street, retaining wall.....	.....	6,795 30	6,795 30
Northern avenue and Sleeper street.....	.....	2,432 50	2,432 50
Temple street, Ward 23, bridge and tunnel under railroad tracks.....	.....	13,690 68	13,690 68
Totals.....	\$1,202,734 68	\$986,655 04	\$2,189,389 72

**Financial Statement of the Street Department Appropriation,  
February 1, 1906, to January 31, 1907.**

*Maintenance.*

APPROPRIATION.	Appropriations and Transfers during 1906.	Revenue.	Total Credits.	Expenditures for the Twelve Months ending Jan. 31, 1907.
<sup>1</sup> Street Department.....	\$935,747 25	\$1,523 60	\$937,270 85	\$937,270 85
<sup>2</sup> Ferry Division.....	265,463 83	.....	265,463 83	265,463 83
Totals.....	\$1,201,211 08	\$1,523 60	\$1,202,734 68	\$1,202,734 68
<sup>1</sup> Appropriation.....	.....	.....	\$900,000 00	.....
Transferred from Mayor.....	.....	.....	24,484 62	.....
Transferred from House of Correction.....	.....	.....	11,262 63	.....
				<u>\$935,747 25</u>
<sup>2</sup> Appropriation.....	.....	.....	\$243,000 00	.....
Transferred from Street Cleaning and Watering Department.....	.....	.....	15,000 00	.....
Transferred from Treasury Department.....	.....	.....	2,036 91	.....
Transferred from Registry Department.....	.....	.....	797 24	.....
Transferred from Wire Department.....	.....	.....	2,334 16	.....
Transferred from Soldiers' Relief Department.....	.....	.....	1,239 24	.....
Transferred from Law Department.....	.....	.....	1,056 28	.....
				<u>\$265,463 83</u>

Comparative Table Showing Cost of Maintenance of the Street Department since 1897.

DEPARTMENT.	1897-1898.	1898-1899.	1899-1900.	1900-1901.	1901-1902.	1902-1903.	1903-1904.	1904-1905.	1905-1906.	1906-1907.
<sup>1</sup> Street Department.	\$573,963 14	\$553,291 72	\$705,432 68	\$753,562 34	\$827,831 07	\$780,236 39	\$785,946 38	\$808,604 99	\$874,636 88	\$860,246 89
Removal of snow...	116,224 20	172,903 48	154,625 18	29,138 38	93,518 45	121,899 66	114,395 94	264,840 43	137,115 89	77,023 96
Ferry Division.....	219,983 24	213,055 79	211,822 87	236,999 91	248,754 06	227,688 29	254,535 23	258,126 20	261,995 90	265,463 83
Totals.....	\$910,170 58	\$939,310 99	\$1,071,880 73	\$1,019,700 63	\$1,180,103 58	\$1,129,824 34	\$1,154,877 55	\$1,331,571 62	\$1,273,748 67	\$1,202,734 68

<sup>1</sup> Formerly Paving Division of the Street Department.

LIST OF CONTRACTS FROM FEBRUARY 1, 1906, TO JANUARY 31, 1907, MADE BY THE STREET  
DEPARTMENT.

STREET DEPARTMENT.

5

Paving with Trinidad Asphalt.

CONTRACT.	Awarded to	Dated	Price.
Eustis street, in front of Albert Palmer School-house.....	Barber Asphalt Paving Company...	June 21, 1906.....	(A) \$3.25 per square yard. (F) 0.50 per square yard. (G) 0.21 per linear foot. (C) 0.40 per square yard. (D) 0.65 per square yard. (E) 1.05 per square yard. (H) 0.35 per square yard.
Palmer street, in front of Albert Palmer School-house.....	Barber Asphalt Paving Company...	June 21, 1906.....	(A) 3.25 per square yard. (C) 0.40 per square yard. (D) 1.05 per square yard. (F) 0.50 per square yard. (G) 0.21 per linear foot. (H) 0.35 per square yard. (I) 0.65 per square yard.
Joiner street, between Park and Chelsea streets.....	Barber Asphalt Paving Company...	July 6, 1906.....	(A) 3.25 per square yard.
Lynn street, between Thatcher and Cooper streets.....	Barber Asphalt Paving Company...	Aug. 1, 1906.....	(A) 3.25 per square yard. (B) 2.50 per square yard. (F) 0.30 per square yard. (G) 0.21 per linear foot. (H) 0.35 per square yard.
Columbus avenue, from the Boston & Albany Railroad to the north- erly side of Camden street.....	Barber Asphalt Paving Company...	Aug. 31, 1906.....	(B) 2.50 per square yard. (C) 5.00 per cubic yard. (D) 1.05 per square yard. (E) 9.00 per cubic yard. (F) 0.50 per square yard. (G) 0.21 per linear foot (H) 0.35 per square yard. (I) 0.65 per square yard.

Paving with Trinidad Asphalt.—*Concluded.*

CONTRACT.	Awarded to	Dated	Price.
Columbus avenue, from the northerly side of Camden street to the northerly side of Station street.....	Boston Asphalt Company.....	Sept. 4, 1906.....	(B) \$2.50 per square yard. (C) 5.00 per cubic yard. (D) 1.05 per square yard. (E) 3.00 per cubic yard. (F) 0.50 per square yard. (G) 0.21 per linear foot. (H) 0.35 per square yard. (I) 0.65 per square yard.
Berkeley street, easterly roadway, from Boylston to Providence street.....	Barber Asphalt Paving Company...	Sept. 15, 1906.....	(B) 2.50 per square yard. (C) 5.00 per cubic yard. (D) 1.05 per square yard. (E) 9.00 per cubic yard. (F) 0.50 per square yard. (G) 0.21 per linear foot. (H) 0.35 per square yard. (I) 0.65 per square yard.
Brimmer street, between Byron and Chestnut streets.....	Barber Asphalt Paving Company...	Oct. 26, 1906.....	(B) 2.50 per square yard. (C) 5.00 per cubic yard. (F) 0.50 per square yard.

## EXPLANATION OF LETTERS.

- (A) Furnishing and laying a 6-inch Portland cement concrete base, a 1½-inch wearing surface and a 1½-inch binder, and guaranteeing the same for a period of ten (10) years after completion.
- (B) Furnishing and laying a 2-inch wearing surface and a 1½-inch binder on existing concrete base and guaranteeing the same for a period of ten (10) years after completion.
- (C) Laying a 6-inch Portland cement concrete base.
- (D) Laying granite block paving and crosswalk flagging with pitch joints on a concrete base.
- (E) Furnishing and laying extra bituminous binder.
- (F) Excavating for sub-grading, including paving blocks barbed up.
- (G) Excavating and setting edgestones.
- (H) Excavating and laying brick sidewalks.
- (I) Laying granite block paving and crosswalk flagging, gravel joints on gravel base.
- (J) Laying a 6-inch Portland cement concrete base for paving.

**<sup>1</sup> Repairing Asphalt.**

CONTRACT.	Awarded to	Dated	Price.
Repairing Trinidad asphalt pavement. ....	Barber Asphalt Paving Company ...	March 1, 1906. ....	\$2.50 per square yard. New concrete base, \$0.75 per square yard.

<sup>1</sup> These repairs are guaranteed for a period of three (3) years after completion.

**Paving with American Rock Asphalt.**

CONTRACT.	Awarded to	Dated	Price.
K street, E. Fourth to E. Sixth street. ....	Jones & Meehan. ....	July 19, 1906. ....	(A) \$3.25 per square yard. (B) 2.50 per square yard. (C) 0.83 per square yard. (D) 0.90 per square yard. (E) 0.25 per square yard. (F) 0.21 per linear foot. (G) 0.35 per square yard. (H) 0.35 per square yard. (I) 0.50 per square yard.

# Bitulithic Pavement.

CONTRACT.	Awarded to	Dated	Price.
Huntington avenue, from Dartmouth street to bridge over Boston & Albany Railroad.....	Warren Brothers Company.....	July 1, 1906.....	(A) \$2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.40 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.
Florence street, between Washington street and Harrison avenue....	Warren Brothers Company.....	Aug. 10, 1906.....	(A) 2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.
Blue Hill avenue, from Dewey street to Savin street.....	Warren Brothers Company.....	Sept. 10, 1906.....	(A) 2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.
Garden-court street, from North square to Fleet street .....	Warren Brothers Company.....	Sept. 19, 1906 .....	(A) 2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.



Woodcliff street, from Blue Hill avenue to Dacia street.....	Warren Brothers Company.....	Sept. 19, 1906.....	(A) 2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.
Moon street, from Fleet street about 106 feet southwesterly.....	Warren Brothers Company.. ..	Sept. 20, 1906.....	(A) 2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.
Dacia street, from Dove street across Woodcliff street.....	Warren Brothers Company.....	Sept. 20, 1906.....	(A) 2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.
Berkeley street, between Tremont street and Columbus avenue.....	Warren Brothers Company.....	Sept. 21, 1906.....	(A) 2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.
Prince street, from Hanover street to North street. ....	Warren Brothers Company.....	Sept. 27, 1906.....	(A) 2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.
North square, from North street to Moon street.....	Warren Brothers Company.....	Oct. 8, 1906.....	(A) 2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.

**Bitulithic Pavement. — Concluded.**

CONTRACT.	Awarded to	Dated	Price.
Blue Hill avenue, between Brunswick and Devon streets.....	Warren Brothers Company .....	Oct. 26, 1906.....	(A) 2.50 per square yard. (B) 0.50 per square yard. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard.
Albany street, from Hampden street to Euclid street.. ..	Warren Brothers Company.....	Nov. 27, 1906.....	(A) 2.50 per square yard. (B) 0.50 per square yard. (C) 0.21 per linear foot. (D) 0.30 per square yard. (E) 0.65 per square yard. (F) 1.05 per square yard. (G) 0.35 per square yard.

**EXPLANATION OF LETTERS.**

- (A) Furnishing and laying bitulithic pavement, and guaranteeing the same for a period of ten (10) years after completion.  
 (B) Excavating for sub-grade including paving blocks barred up.  
 (C) Excavating and setting edgestone.  
 (D) Laying concrete base for paving.  
 (E) Laying granite block paving and crosswalk flagging with gravel joints and gravel base.  
 (F) Laying granite block paving and crosswalks with pitch joints on a concrete base.  
 (G) Excavating and laying brick sidewalks.

## Paving with Wood Blocks.

CONTRACT.	Awarded to	Dated	Price.
Washington street, between Beach and Milk streets.....	United States Wood Preserving Co..	Sept. 24, 1906.....	(A) \$3.00 per square yard. (B) 0.75 per square yard. (C) 1.05 per square yard. (D) 0.25 per square yard. (E) 0.21 per linear foot. (F) 0.35 per square yard. (G) 0.65 per square yard.

## EXPLANATION OF LETTERS.

- (A) Furnishing and laying wood block paving, and guaranteeing the same for a period of ten (10) years after completion.  
 (B) Concrete base for wood block paving and crosswalks and brows.  
 (C) Granite block paving and crosswalks with pitch joints on a concrete base.  
 (D) Excavating for sub-grade, including paving blocks barred up.  
 (E) Excavating and setting edgestones.  
 (F) Excavating and laying brick sidewalks.  
 (G) Granite block paving and crosswalk flagging, gravel joints on gravel base.

## "Hassam" Pavement.

CONTRACT.	Awarded to	Dated	Price.
Main street, from bridge over B. & M. R.R. to Somerville line.....	Simpson Brothers Corporation.....	Nov. 9, 1906.....	(A) \$1.50 per square yard. (B) 1.00 per cubic yard. (C) 0.21 per linear foot. (D) 0.65 per square yard. (E) 0.35 per square yard.

## EXPLANATION OF LETTERS.

- (A) Furnishing and laying "Hassam" pavement, and guaranteeing the same for a period of five (5) years after completion.  
 (B) Excavating for sub-grade.  
 (C) Excavating and setting edgestone.  
 (D) Granite block paving and crosswalk flagging, gravel joints on gravel base.  
 (E) Excavating and laying brick sidewalks.

**Street Construction under Chapter 323 of the Acts of 1891, or Special Acts or Amendments Thereto; and also under Chapter 393 of the Acts of 1906.**

CONTRACT.	Awarded to	Dated	Cost of Contract, as per Estimated Quantities, not including Materials Furnished by the City.
Bennington street, between Orleans and Moore streets...	James Dolerty.....	August 6, 1906.....	\$14,118 10
Rowe street, between Ashland and Seymour streets.....	William L. Dolan.....	August 14, 1906.....	800 00
Queensberry street, between Audubon road and Audubon road.....	William J. Barry.....	August 22, 1906.....	7,328 50
Jersey street, between Brookline avenue and Audubon road.....	Robert Eagar.....	August 23, 1906.....	4,478 90
Rosemary street, between South street and Old Colony R.R. land.....	James W. O'Brien.....	September 23, 1906...	1,300 00
Milwood street, between Adams and Milton streets..	Daniel E. Lynch.....	October 3, 1906.....	1,700 00
Lorraine street, between Belgrade and Colberg avenues.....	William L. Dolan.....	October 3, 1906.....	1,500 00
Meredith street, between Kenneth street and Clement avenue .....	Thomas F. Welch.....	October 3, 1906.....	1,725 00
Bradshaw street, between Esmond and Charlotte streets, edgestones, gutters and crosswalks.....	Daniel E. Lynch.....	October 5, 1906.....	325 00
Longfellow street, between Topliff and Draper streets.....	Robert Eagar.....	October 27, 1906.....	2,900 00
Bakersfield street, between Stoughton and Willis streets .....	William J. Fitzgerald.....	November 12, 1906.....	2,100 00
Primrose street, between Walter and Fairview streets.....	William L. Dolan.....	November 19, 1906.....	2,200 00
Arcadia park, between Diltson and Arcadia streets.....	Sylvester Connolly.....	November 24, 1906....	1,000 00
Roseland street, between Dorchester avenue and Samoset street.....	Daniel Marr & Son.....	November 26, 1906 ...	1,100 00

## 1 Artificial Stone Sidewalks.

CONTRACTOR.	Dated	Price per Square Foot.	CONTRACTOR.	Dated	Price per Square Foot.
George W. Carr Company.....	May 1, 1906.....	\$0.06	Thomas J. Hind.....	May 9, 1906.....	\$0.06
Warren Brothers Company.....	May 2, 1906.....	.06	W. A. Murtfeldt Company.....	May 14, 1906.....	.06
Genasco Roofing Company.....	May 3, 1906.....	.06	Simpson Brothers Corporation .....	May 14, 1906.....	.06
Jeremiah J. Sullivan.....	May 3, 1906.....	.06			

<sup>1</sup> These walks are guaranteed by a surety company bond for ten (10) years from date of completion, and were laid on various public streets where the contractor had agreements with the abutters.

## Furnishing and Laying Artificial Stone Sidewalks.

CONTRACT.	Awarded to	Dated	Price.
Atlantic avenue, at 249 and 259.....	Simpson Brothers Corporation.....	April 28, 1906.....	\$140 00
Welles avenue, between Harley street and 160 feet easterly.....	Simpson Brothers Corporation.....	May 14, 1906.....	245 00
Havre street, between Maverick st. and 225 feet south from Decatur street,	Simpson Brothers Corporation.....	May 15, 1906 .....	464 00
Harley st., between Welles ave. and 275 feet southerly, on the easterly side,	Simpson Brothers Corporation.....	May 18, 1906.....	382 00
Washington street, between Union Park and Malden streets. ....	Simpson Brothers Corporation.....	October 4, 1906.....	525 00
Malden street, between Washington street and No. 44.....	Simpson Brothers Corporation.....	November 6, 1906.....	149 00

**Spruce Lumber.**

DISTRICT.	Awarded to	Dated	Price per M ft. B. M. rough.
South Boston.....	Curtis & Pope Lumber Co.....	Jan. 26, 1906..	\$28 00
East Boston.....	Curtis & Pope Lumber Co.....	Jan. 26, 1906..	28 00
Charlestown .....	G. Fuller & Son.....	Jan. 26, 1906..	29 00
Brighton .....	G. Fuller & Son.....	Jan. 26, 1906..	29 00
West Roxbury .....	Curtis & Pope Lumber Co.....	Jan. 26, 1906..	29 50
Dorchester.....	Curtis & Pope Lumber Co.....	Jan. 26, 1906..	28 50
Roxbury .....	Curtis & Pope Lumber Co.....	Jan. 26, 1906..	28 50
City Proper.....	Curtis & Pope Lumber Co.....	Jan. 26, 1906..	27 90

These contracts were made before the Street Department was separated into departments.

**Leasing Ledge Lots.**

CONTRACT.	Lessors.	Dated	Price per ton for stone removed.
<sup>1</sup> Lease of land on Kenney street, near Day street.....	James W. Kenney..	Sept. 5, 1906..	\$0 17
<sup>2</sup> Lease of ledge on Centre street, between Allandale and Walter streets.....	Thomas Minton....	Sept. 4, 1906..	0 18
<sup>3</sup> Lease of ledge on Columbia road, near Brunswick street...	W. J. Wilcox <i>et als</i> ,	Dec. 29, 1906..	0 12½

<sup>1</sup> \$200 per month from Feb. 1, 1906.    <sup>2</sup> Expires Jan. 31, 1908.    <sup>3</sup> Expires March 22, 1908.

**Quarrying and Cutting Stone, Etc.**

CONTRACT.	Awarded to	Dated	Price per Ton.
Quarrying stone from ledge on Columbia road.....	Dennis F. O'Connell...	May 2, 1906...	\$0 70
Quarrying stone from ledge on Centre street, between Allan- dale and Walter streets.....	Thomas F. Minton.....	Sept. 4, 1906...	0 70
Quarrying and crushing stone from ledge on Centre street, corner Grove street, West Rox- bury.....	Thomas F. Welch.....	Oct. 2, 1906...	1 25

## Paving and Regulating.

CONTRACT.	Awarded to	Dated	Cost of Contract as per Estimated Quantities, not including Material furnished by the City.
Congreve street, between South and Centre streets.....	Thomas J. Shea.....	May 31, 1906.....	\$1,200 00
Sleeper street, between Congress street and the N.Y., N.H. & H. R.R. tracks,	Hugh Nawn Contracting Co.....	June 6, 1906.....	2,300 00
Penfield street, between Metcalf and Birch streets.....	James W. O'Brien.....	June 7, 1906.....	1,200 00
Eustis street, between Washington street and the Albert Palmer school....	Peter W. Hill.....	June 16, 1906.....	1,800 00
Oak street, between Washington and Albany streets.....	Jeremiah J. McCarthy.....	June 19, 1906.....	1,700 00
Wenham street, between Walk Hill and Weld Hill streets.....	Thomas J. Shea.....	June 25, 1906.....	1,325 00
Harvard street, between Washington and Albany streets.....	William H. Glenn.....	June 26, 1906... ..	1,550 00
East Seventh street, between H street and the easterly side of K street....	John T. Shea, Jr.....	June 26, 1906.....	1,700 00
Columbus ave. (northerly side), between Washington st. and Walnut ave..	Peter Gilligan.....	June 27, 1906.....	1,200 00
Huntington avenue, between Gainsborough and Hemenway streets.....	William J. Barry.....	June 27, 1906.....	1,700 00
Florence street, between Ashland and Poplar streets.....	William L. Dolan.....	June 27, 1906.....	1,000 00
White street, between Brooks and Putnam streets.....	Anthony Diamond.....	June 28, 1906.....	1,600 00
Washington street, between Marvin and Vernon streets.....	Thomas McMann.....	June 29, 1906.....	550 00
Westbourne street, between Cornell and Beech streets.....	James W. O'Brien.....	July 2, 1906.....	550 00
Congress street, between Fort Point channel and N.Y., N.H. & H. R.R.....	James Doherty.....	July 5, 1906.....	16,300 00
Berkeley street, between the bridge abutments of the old bridge over the Providence division of the N.Y., N.H. & H. R.R.....	Philip Doherty.....	July 6, 1906.....	1,700 00

Paving and Regulating. — *Continued.*

CONTRACT.	Awarded to	Dated	Cost of Contracts, as per Estimated Quantities, not including Materials furnished by the City.
Dorchester avenue, between Ellet and Leedsville streets.....	Daniel E. Lynch.....	July 6, 1906.....	775 00
Madison street, between Washington street and Shawmut avenue.....	Robert Eagar.....	July 9, 1906.....	700 00
Way street, between Harrison avenue and Albany street.....	Peter W. Hill.....	July 12, 1906.....	825 00
Lynde street, between Arrow and Austin streets.....	James J. Brock.....	July 13, 1906.....	1,175 00
Fulton place, between Fulton and North streets.....	P. H. Bradley.....	July 14, 1906.....	580 00
West Fifth street, between F and Dorchester streets.....	Dennis S. Ryan.....	July 16, 1906.....	620 00
Monmouth street, between Meridian and White streets.....	Anthony Diamond.....	July 17, 1906.....	1,300 00
Strathmore road, between Commonwealth and Englewood avenues.....	M. J. Coyle.....	July 17, 1906.....	1,500 00
Nelson street, between Norfolk and Evans streets.....	W. H. Grose & Co.....	July 17, 1906.....	1,850 00
Essex street, between Rutherford avenue and Hancock square.....	William J. Rafferty.....	July 17, 1906.....	4,086 10
Harrison avenue, between East Newton and East Brookline streets.....	Jeremiah J. McCarthy.....	July 23, 1906.....	1,125 00
C street, from West First street to about 1,030 feet northeasterly.....	William H. Glenn.....	July 24, 1906.....	3,800 00
East Seventh street, between K and N streets.....	John T. Shea, Jr.....	July 27, 1906.....	1,750 00
N street, between East Second street and Broadway.....	William J. Hallion.....	July 27, 1906.....	925 00
Ball street, between Washington street and Shawmut avenue.....	Robert Eagar.....	July 27, 1906.....	710 00
Carolina avenue, between South and Call streets.....	Michael J. Flynn.....	July 27, 1906.....	1,100 00
Mt. Hope street, between Hyde Park avenue and Stony Brook.....	William L. Dolan.....	July 27, 1906.....	1,150 00
Howard street, between Hampden and Gerard streets.....	Thomas McMann.....	July 27, 1906.....	1,325 00



## STREET DEPARTMENT.

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Brooks street, between White and Trenton streets.....	Anthony Diamond.....	July 31, 1906.....	1,050 00
Warren street, between Elm Hill and Blue Hill avenues.....	Peter Gilligan.....	July 31, 1906.....	1,750 00
Beech street, between Washington and Poplar streets.....	Thomas J. Shea.....	August 2, 1906.....	1,980 00
Arnold street, between Washington street and Shawmut avenue.....	James J. Casey.....	August 2, 1906.....	650 00
Silver street, between Dorchester and G streets.....	William J. Hallion.....	August 2, 1906.....	1,450 00
Washington street, between Bowdoin and Eldon streets.....	Timothy F. Bradley.....	August 3, 1906.....	1,500 00
Shawmut avenue, between West Brookline and West Newton streets.....	Peter W. Hill.....	August 4, 1906.....	1,375 00
Washington street, from the north side of Arnold street across Ball street,	William Barrett.....	August 7, 1906.....	700 00
Fleet street, between Hanover and Commercial streets.....	P. H. Bradley.....	August 7, 1906.....	1,325 00
Stoughton street, between Columbia road and Pleasant street.....	Jeremiah Bradley.....	August 7, 1906.....	1,500 00
D street, between Baxter street and Old Colony avenue.....	William Higgins.....	August 10, 1906.....	975 00
Washington street, between Zeigler and Dudley streets.....	Robert Engar.....	August 13, 1906.....	750 00
Sutherland road, between Commonwealth and Englewood avenues.....	M. J. Coyle.....	August 20, 1906.....	1,540 00
Lewis street, between Sumner and Marginal streets.....	Lawrence O'Hagan.....	August 20, 1906.....	1,350 00
Washington street, between Ashmont and Armandine streets.....	Daniel E. Lynch.....	August 22, 1906.....	600 00
Chester street, between Brighton and Commonwealth avenues.....	Allen Clark.....	August 23, 1906.....	700 00
Mt. Vernon street, between Dorchester avenue and Boston street.....	Joseph J. Comfrey.....	August 24, 1906.....	1,825 00
Shawmut avenue, between Worcester and West Concord streets.....	Peter W. Hill.....	August 25, 1906.....	800 00
Evans street, between Nelson and Capen streets.....	W. H. Grose & Co.....	August 28, 1906.....	1,975 00
I street, between East Fourth and East Ninth streets.....	William J. Hallion.....	August 30, 1906.....	1,990 00
Putnam street, between White and East Eagle streets.....	Anthony Diamond.....	September 10, 1906.....	550 00
School street, between Washington street and Walnut avenue.....	Mark H. Lynch.....	September 11, 1906.....	1,180 00

## Paving and Regulating.—Continued.

CONTRACT.	Awarded to	Dated	Cost of Contract, as per Estimated Quantities, not including Materials furnished by the City.
Smith street, between Parker and Phillips streets, and between St. Alphonsus street and Huntington avenue.....	Charles W. Kinney.....	September 12, 1906.....	1,400 00
West Fifth street, between F and E streets.....	Dennis S. Ryan.....	September 14, 1906.....	850 00
D street, between Baxter and West Seventh streets.....	William Higgins.....	September 14, 1906.....	600 00
Tonawanda street, between Geneva avenue and Greenbrier street.....	John E. Gill.....	September 15, 1906.....	1,975 00
Geneva avenue, between Westville and Bowdoin streets.....	Anthony A. Perry.....	September 15, 1906.....	1,500 00
Washington street, between Euclid and Ashmont streets.....	Daniel E. Lynch.....	September 17, 1906.....	1,900 00
Howland street, between Elm Hill and Humboldt avenues.....	Peter Gilligan.....	September 17, 1906.....	1,600 00
East Third street, between K and L streets.....	Eastern Construction Company.....	September 18, 1906.....	1,350 00
Maxwell street, between Nelson and Capen streets.....	W. H. Grose & Co.....	September 19, 1906.....	1,825 00
Washington street, between Ball and Eustis streets.....	William Barrett.....	September 21, 1906.....	1,950 00
Hartford street, between Howard avenue and Hooper street.....	Joseph J. Comfrey.....	September 24, 1906.....	1,100 00
Market street, between Washington street and North Beacon street.....	M. J. Coyle.....	September 28, 1906.....	1,550 00
East Third street, between K and H streets.....	William J. Hallion.....	September 28, 1906.....	1,950 00
C street, from 1,030 feet northeast of West First street across Fargo street.....	William H. Glenn.....	September 29, 1906.....	5,600 00
Maple street, between Georgia and Schuyler streets.....	Peter Gilligan.....	October 1, 1906.....	1,600 00
Hawley street, between Franklin and Sumner streets.....	Jeremiah J. McCarthy.....	October 2, 1906.....	1,900 00
St. Alphonsus street, easterly side, between Tremont and Calumet streets.....	John McCourt.....	October 3, 1906.....	625 00

West Fifth street, between D and E streets.....	Dennis S. Ryan.....	October 3, 1906.....	620 00
Gleason street, between Harvard and Bradshaw streets .....	Jeremiah Bradley.....	October 5, 1906.....	1,050 00
Hamden street, between Island and Kemble streets.....	Thomas McMann.....	October 5, 1906.....	1,000 00
Weston street, between Cabot and Tremont streets .....	Bay State Contracting Company.....	October 9, 1906.....	600 00
Waubek street, between Warren and Wabeno streets .....	Terence Dunn.....	October 19, 1906.....	1,450 00
Hanover street, between Union and Parmenter streets.....	James Doherty.....	October 24, 1906.....	10,600 00
Hanover street, between Parmenter and Tileston streets.....	Patrick McGovern.....	October 26, 1906.....	7,400 00
Lewis street, between Marginal street and South Ferry.....	Trimount Construction Co.....	October 26, 1906.....	1,300 00
K street, between East First and East Third streets.....	William J. Hallion.....	October 26, 1906.....	1,550 00
Hamden street, between Adams and Howard streets.....	Thomas McMann.....	October 27, 1906.....	875 00
Warren street, between Dudley street and Kearsarge avenue.....	William Barrett.....	October 29, 1906.....	1,975 00
Wenonah street, between Waumbeck street and Elm Hill avenue.....	William Murray.....	October 29, 1906.....	840 00
North Beacon street, between Cambridge and Murdock streets.....	Coyle & Clark.....	October 31, 1906.....	1,870 00
Wales street, between Blue Hill avenue and Harvard street .....	Jeremiah Bradley.....	November 1, 1906.....	1,175 00
Shawmut avenue, between Milford and Union Park streets.....	William H. Glenn.....	November 1, 1906.....	1,800 00
Ruthven street, between Elm Hill and Humboldt avenues.....	Terence Dunn.....	November 2, 1906.....	1,200 00
Newburg street, between Cornell and Beech streets.....	Thomas J. Shea.....	November 2, 1906.....	625 00
Miller street, between Lawrence street and Rutherford avenue.....	James J. Brock.....	November 2, 1906.....	1,400 00
Nelson street, between Evans and Selden streets.....	W. H. Grose & Co.....	November 2, 1906.....	1,550 00
Shawmut avenue, between Dover and Milford streets.....	Suffolk Contracting Co.....	November 2, 1906.....	650 00
Atlantic avenue, between Kneeland street and the Cove-street bridge.....	Joseph J. Comfrey.....	November 2, 1906.....	850 00
Freeport street, between Linden street and the N. Y. & H. R. R.....	William J. Rafferty.....	November 9, 1906.....	1,800 00

Paving and Regulating.— *Concluded.*

CONTRACT.	Awarded to	Dated	Cost of Contract, as per Estimated Quantities, not including Material furnished by the City.
Charles street, at the entrance to the West Boston bridge.....	Bay State Contracting Co.....	November 13, 1906.....	\$1,800 00
West Broadway, between the west side of E st. and 150 feet west of F st..	John T. Shea, Jr.....	November 13, 1906.....	1,800 00
St. James avenue, between Berkeley and Clarendon streets.....	Charles W. Kinney.....	November 13, 1906.....	1,050 00
Blue Hill avenue, easterly side, between Stafford and Woodville streets...	Peter Gilligan.....	November 26, 1906.....	640 00
Canterbury street, between Blue Hill avenue and Angell street.....	Hugh D. Kelly.....	November 26, 1906.....	1,300 00
Warren street, between north side Kearsarge avenue and Moreland street,	John B. Harlow.....	November 27, 1906.....	1,825 00
Boston street, between Washburn and Dorset streets.....	William J. Hallion.....	January 8, 1907.....	3,350 00

## Miscellaneous Agreements.

CONTRACT.	Awarded to	Dated	Price.
Retaining wall, Freeport street, Dorchester.....	Daniel E. Lynch.....	February 16, 1906.....	\$4,500.
Tearing down and rebuilding portion of sea wall on Alford street, Charlestown .....	H. J. White .....	June 5, 1906.....	\$1,000.
Furnishing four (4) 15-ton steam rollers.....	Buffalo Steam Roller Company.....	February 24, 1906.....	( <sup>1</sup> ) Each \$3,550.
Furnishing one (1) 5-ton sidewalk roller.....	Buffalo Steam Roller Company.....	February 24, 1906.....	\$1,850.

Furnishing one road scarifier .....	Buffalo Steam Roller Company.....	February 24, 1906.....	\$650.
Four (4) weighing machines at Ferry Head Houses.....	The National Automatic Weighing Machine Company.....	March 8, 1906 .....	\$250 paid to the city.
Moving three (3) buildings at Freeport street, Dorchester.....	T. Ahern's Sons.....	April 10, 1906.....	\$400.
Repairing north and middle piers at the North Ferry, Boston side..	Lawler Bros.....	June 15, 1906.....	\$3,300.
Six (6) gum vending machines at Ferry Head Houses.....	Gum and Sweetmeat Company.....	August 1, 1906.....	\$125 paid to the city.
Building fence on wall at Freeport street, Dorchester.....	Daniel E. Lynch.....	August 3, 1906.....	\$700.
Painting fence on approach to Chelsea street south bridge.....	P. J. Dinn & Co.....	August 23, 1906.....	\$85.
Painting fence on St. Martin and Mead-street steps.....	P. J. Dinn & Co.....	August 23, 1906.....	\$78.
Repairing buildings at Highland-street yard .....	William J. Carlin.....	August 24, 1906.....	\$1,587.
Re-covering roofs at Child-street yard with improved plastic slate roofing....	Improved Plastic Slate Roofing Co..	August 31, 1906.....	\$377.
Repairing Lockwood and Lincoln wharves.....	George T. Rendle.....	October 24, 1906 .....	\$700.
Repairing bridge connecting Summer and Congress streets .....	George T. Rendle.....	November 15, 1906.....	\$1,400.
Building two piers at South Ferry, Boston side.....	George T. Rendle.....	January 4, 1907. ....	\$13,550.
Steamfitting at Hancock-street yard, Dorchester.....	P. J. Sullivan.....	January 10, 1907.....	\$303.

(1) Allowance of \$750 for one old English roller.

## Area of Pavements.

The following Table shows the Area of Pavements in Square Yards by Districts.

DISTRICTS.	Asphalt.	Granite Block.	Wooden Block.	Plank on Bridges.	Brick.	Cobble.	Bitulithic.	Macadam.	Gravel.	Not Graded.	Totals.
Year 1905 Report.....	335,698	2,128,487	23,653	43,218	3,670	2,340	93,686	6,155,668	523,515	213,884	9,523,713
February 1, 1907.											
City Proper.....	250,108	959,357	30,739	14,809	3,326	2,705	69,128	609,404	4,660	4,175	1,948,441
Charlestown .....	5,257	257,276	.....	5,107	.....	.....	.....	172,531	275	.....	410,446
East Boston....	1,377	130,584	.....	2,763	.....	897	620	435,220	24,783	5,498	601,742
South Boston.....	24,945	389,335	.....	7,292	.....	.....	17,784	362,278	18,609	114,442	934,655
Roxbury.....	48,121	281,697	3,640	2,164	.....	.....	20,254	1,131,889	56,010	17,594	1,561,369
West Roxbury.....	.....	14,186	.....	1,877	.....	.....	.....	1,562,224	80,465	31,399	1,390,151
Dorchester .....	.....	123,611	.....	4,759	493	.....	.....	1,583,240	210,283	13,164	1,985,550
Brighton .....	130	.....	.....	4,094	.....	.....	.....	712,422	154,128	4,815	875,589
Totals .....	1,329,938	2,216,076	34,379	43,835	3,819	3,692	107,786	36,269,208	549,213	191,057	9,687,943

Total public streets, 510.04 miles.

NOTE. — In the above table the city is sub-divided substantially on the boundary lines between the districts as they existed when annexed to Boston. Territory annexed from Brookline is included in City Proper.

<sup>1</sup>Of this amount 1,833 square yards = asphalt blocks.

<sup>2</sup>Of this amount 443,836 square yards = granite block paving on concrete base.

<sup>3</sup>Of this amount 672 square yards = Nassau pavement.

24,341 square yards public alleys laid out under chapter 298 of the Acts of 1898 included in this table.

286,798 square yards public streets in charge of Park Department included in this table.

In addition to this table there are 4,386 square yards accepted foot passageways.

**Street Mileage.**

The following table shows the length in miles of public highways and character of the pavements, February 1, 1907:

DISTRICTS.	Asphalt.	Granite Block.	Wooden Block.	Plank on Bridges.	Brick.	Cobble.	Bitulithic.	Macadam.	Gravel.	Not Graded.	Totals.
Year 1905 report....	21.16	96.34	0.91	2.09	0.38	0.30	5.00	337.10	33.57	5.95	502.80
February 1, 1907.											
City Proper.....	16.62	42.93	1.26	0.64	0.34	0.31	3.55	27.80	0.27	0.10	93.82
Charlestown.....	0.33	11.17	.....	0.22	.....	.....	.....	11.74	0.02	.....	23.48
East Boston.....	0.07	6.05	.....	0.19	.....	0.14	0.03	20.68	1.19	0.25	28.58
South Boston.....	1.98	17.59	.....	0.33	.....	.....	1.04	19.70	0.89	3.37	44.90
Roxbury.....	2.45	12.19	0.17	0.08	.....	.....	1.21	65.32	3.82	0.49	85.73
West Roxbury.....	.....	0.64	.....	0.09	.....	.....	.....	75.91	5.14	0.84	82.62
Dorchester.....	.....	5.98	.....	0.23	0.04	.....	.....	89.68	13.16	0.23	109.32
Brighton.....	.....	.....	.....	0.26	.....	.....	.....	30.39	10.79	0.15	41.59
Total.....	<sup>1</sup> 21.45	<sup>2</sup> 96.53	1.43	2.04	0.38	0.45	5.83	<sup>3</sup> 341.22	35.28	5.43	510.04

Total length of public streets, 510.04 miles.

NOTE.—In the above table the city is sub-divided substantially on the boundary lines between the districts as they existed when annexed to Boston. Territory annexed from Brookline is included in City Proper.

<sup>1</sup> Of this amount 0.16 miles = asphalt blocks.

<sup>2</sup> Of this amount 16.33 miles = granite block paving on concrete base.

<sup>3</sup> Of this amount 0.03 miles = Hassam pavement.

4.71 miles of public alleys, laid out under chapter 298 of the Acts of 1898, included in this table.

6.50 miles of public streets in charge of Park Department included in this table.

In addition to this table there are 0.85 miles accepted foot passageways.

There have been laid out and accepted by the Street Commissioners, during the year, 6.076 linear miles of public streets; corrections to previous measurements, on account of revision and other causes, show an increase of 1.164 miles, making a total net increase of 7.24 miles.

The rate of increase, from year to year, is shown in the following table:

Miles.	Miles.	Miles.
1859.....111.50	1883.....367.99	1896.....456.11
1871.....201.32	1884.....374.10	1897.....459.12
1872.....207.40	1885.....379.60	1898.....471.19
1873.....209.24	1886.....383.55	1899.....479.47
1874.....313.90	1887.....390.30	1900.....489.55
1875.....318.58	1888.....392.72	1901.....491.85
1876.....327.50	1889.....397.84	1902.....496.90
1877.....333.20	1890.....404.60	1903.....499.85
1878.....340.39	1891.....409.60	1904.....500.39
1879.....345.19	1892.....434.59	1905.....502.20
1880.....350.54	1893.....443.34	1906.....502.80
1881.....355.50	1894.....447.65	1907.....510.04
1882.....359.85	1895.....452.12	

Respectfully submitted,

JAMES H. DOYLE,  
*Superintendent of Streets.*





PART II.

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APPENDICES.

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PAGES I TO 112.



## APPENDIX A.

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### REPORT OF THE EXECUTIVE ENGINEER.

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ROOM 44, CITY HALL, BOSTON, February 1, 1907.

HON. JAMES H. DOYLE,

*Superintendent of Streets:*

DEAR SIR, — The annual report of the expenditures and income of the Street Department for the financial year ending January 31, 1907, is herewith submitted, showing the nature of the work, the number and variety of permits issued, and the details of expenditures involved in paving, macadamizing, regulating and constructing various streets.

Respectfully yours,

JAMES H. SULLIVAN,  
*Executive Engineer.*

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The Street Department has charge of the following work:  
The maintenance and rebuilding of street surfaces and sidewalks.

The placing of signs.

The numbering of buildings.

The issuing of permits to open or occupy the streets or for such other purposes as may be required under the ordinances.

The removal of snow and ice from the gutters, streets and plank sidewalks.

The cleaning of streets in the suburban districts not covered by the Street Cleaning Department.

The Department is in charge of the Superintendent of Streets, with a clerical force under the direction of a Chief Clerk, and an engineering force under the supervision of a Chief Engineer.

The repairs upon asphalt pavement have been supervised, located and plotted upon plans prepared for that purpose, and tables are annexed showing the amount of repairs and

the cost in detail on all asphalt streets upon which the maintenance guarantee has expired.

The agreement which was entered into with the Barber Asphalt Paving Company in 1904, whereby the asphalt repairs on streets on which the maintenance guarantee has expired are guaranteed for a period of three (3) years, was continued during the year.

The past year has been one of great activity, the amount of work completed comparing favorably with that of former years, especially in the outlying sections. A great deal remains to be done not only on the macadam streets, but also on paved streets, in order that they may be put in proper condition. The most important work was the reconstruction of the following streets:

*Washington street*, from Beach street to Milk street, was resurfaced with wood block pavement on a 6-inch Portland cement concrete base. On account of the work done in connection with the building of the subway, this section of Washington street was rendered entirely unfit for the travel to which it is subjected. The business interests in this part of the city demanded that proper facilities be provided for the transportation of goods as well as for the accommodation of the general public. On account of the noiseless character of the pavement and its cleanly appearance, together with the fact that it had given entire satisfaction in those streets paved with it, wood block was decided the most suitable pavement for this so-called "shopping district." These wooden blocks are a gum wood treated with a preservative. They are laid with a close joint, presenting a smooth surface and comparing favorably with other smooth pavements. The surface is impervious to water, thereby improving the sanitary conditions of the street. The Boston Elevated Railway Company rebuilt its tracks in connection with the paving work. The rails are of the latest and heaviest pattern, and the ties are laid on a continuous concrete girder. This is the most advanced form of street railroad construction, and is expected to increase the durability of the rail and obviate the necessity of frequent repairs.

*Columbus avenue*, from the bridge over the Boston & Albany Railroad to Station street, a distance of about 7,950 linear feet, was resurfaced with asphalt. The condition of this avenue has been a constant source of complaint for many years. The asphalt had been laid for from fifteen to twenty years, and the constant wear and tear of heavy teaming rendered its condition worse from year to year. The repairs have been very extensive and at a very great expense. On account of the grade of the tracks, which was low, water instead of being carried off remained on the street, resulting in an unsightly appearance. This condition has been remedied by regulating the track locations. This also necessitated the building up of the old concrete base with Portland cement

concrete to the proper sub-grade. The upper part of the avenue was built after the Roxbury fire and was located over old cellars, etc., thus requiring considerable filling, especially from Camden street to Walpole street. This filling naturally settled, affecting the surface of the street.

Under the provisions of chapter 323 of the Acts of 1891, and acts in amendment thereof or in addition thereto, there was one (1) street completed and two (2) streets and one (1) boulevard partly completed during the year.

Under the provisions of chapter 393 of the Acts of 1906, there was one (1) street completed and five (5) streets partially completed.

*Bennington street*, from Orleans street to Moore street, is under construction, and will be completed early in the coming season. This section when finished will practically complete the boulevard from Prescott street to the Revere town line.

During the year a number of streets in the residential sections of the city have been surfaced with bitulithic pavement. This pavement was introduced four years ago, and has given great satisfaction, particularly on grades, where, on account of the peculiarity of its composition, horses are enabled to travel upon it in safety.

In the city proper the following streets were laid with this pavement:

*Huntington avenue*, from Dartmouth street to bridge over the Boston & Albany Railroad.

*Florence street*, between Washington street and Harrison avenue.

*Garden-court street*, from North square to Fleet street.

*Moon street*, from Fleet street, about 106 feet southwesterly.

*North square*, from North street to Moon street.

*Prince street*, from Hanover street to North square.

*Berkeley street*, between Tremont street and Columbus avenue.

#### ROXBURY.

*Woodcliff street*, from Blue Hill avenue to Dacia street.

*Dacia street*, from Dove street across Woodcliff street.

*Blue Hill avenue*, from Dewey street to Savin street.

*Blue Hill avenue*, between Brunswick street and Devon street.

The department force has been employed during the year in repairing and resurfacing streets, and about 37 miles, or 507,700 square yards, of streets have been resurfaced.

The amount of work done by the department during the past year is as follows:

Edgestones set and reset . . . .	195,479 linear feet.
Concrete base laid . . . . .	44,204 square yards.
<sup>1</sup> Granite block paving laid, on a concrete base, with pitch and pebble joints . . . .	35,288 "
Granite flagging laid, on a concrete base, with pitch and pebble joints . . . .	2,228 "
Granite block paving laid, on a gravel base, with gravel joints . . . . .	147,767 "
Granite flagging laid, on a gravel base, with gravel joints . . . . .	985 "
Bitulithic pavement laid . . . . .	14,535 "
Asphalt laid on a concrete base . . . . .	3,519 "
Asphalt surface laid . . . . .	33,795 "
Wood block pavement laid . . . . .	8,765 "
Hassam pavement laid . . . . .	677 "
Brick sidewalks laid . . . . .	105,419 "
Crushed stone sidewalks laid . . . . .	4,412 "
Artificial stone sidewalks laid . . . . .	24,789 "
Telford base placed . . . . .	6,640 "
Macadam surface placed . . . . .	307,293 "
Artificial stone curbing laid . . . . .	29 linear feet.
Coal tar concrete sidewalk laid . . . . .	3,716 square yards.
Brick gutters laid . . . . .	2,150 "

The following is a description of the most important work done during the year. This was under the supervision of the Chief Engineer:

#### PAVING.

*Atlantic avenue*, westerly side, between Broad street and Commercial street, was finished early in the year. This work was done under contract by Robert Eagar, who commenced work last year and completed the roadway, with the exception of that part of the avenue between Milk street and Commercial street. It is paved with large granite blocks on a Portland cement concrete base, with pitch and pebble joints. The former surface was granite blocks on a concrete base with cement grout joints.

*Berkeley street*, between the bridge abutments of the old bridge over the Providence division of the New York, New Haven & Hartford Railroad, was repaved under contract by Philip Doherty, who also did the regulating. The old paving blocks were relaid on a gravel base with gravel joints. The former surface was the same.

*Congress street*, from Fort Point Channel to the New York, New Haven & Hartford Railroad, was paved under contract by

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Includes 2,676 square yards laid on a cement mortar bed.

James Doherty, who also did the excavating and regulating, with large granite blocks on a 6-inch Portland cement concrete base, with pitch and pebble joints. The old paving blocks were hauled to Old Colony avenue by the contractor. The former surface was granite blocks on a gravel base with gravel joints.

*C street*, from West First street to about 1,030 feet northeasterly, was paved with granite blocks on a gravel base, with gravel joints, by William H. Glenn, under contract, who also did the excavating and regulating. *C street*, from this point across Fargo street, was also paved by William H. Glenn, with granite blocks on a gravel base. The former surface was gravel.

*Essex street*, Charlestown, from Rutherford avenue to Hancock square, was paved with large granite blocks on a 6-inch Portland cement concrete base, with pitch and pebble joints. The work was done under contract by William J. Rafferty, who also did the excavating and regulating. The old gutter blocks were hauled by the contractor to the Medford-street yard. The former surface was macadam.

*Hawley street*, between Franklin and Summer streets, was paved with large granite blocks on a 6-inch Portland cement concrete base, with pitch and pebble joints. The work was done under contract by Jeremiah J. McCarthy, who also did the regulating. The old paving blocks were hauled to the Massachusetts avenue lot by the contractor. The former surface was granite blocks on a gravel base, with gravel joints.

*Sleeper street*, between Congress street and the New York, New Haven & Hartford Railroad tracks, was repaved on a gravel base with gravel joints. The work was done under contract by the Hugh Nawn Contracting Company. On account of the immense amount of traffic on this street it was necessary to do the work of repaving at night.

#### ASPHALT.

*Berkeley street* (easterly roadway), from Boylston street to Providence street, was resurfaced by the Barber Asphalt Paving Company under a ten (10) years' maintenance guarantee, with one and one-half ( $1\frac{1}{2}$ ) inches of Trinidad asphalt wearing surface and one and one-half ( $1\frac{1}{2}$ ) inches of bituminous concrete binder upon the existing concrete base, which was brought to within three (3) inches of the finished surface of the roadway with Portland cement concrete.

*Brimmer street*, between Byron street and Chestnut street, was resurfaced by the Barber Asphalt Paving Company under a ten (10) years' maintenance guarantee, with one and one-half ( $1\frac{1}{2}$ ) inches of Trinidad asphalt wearing surface, and one and one-half ( $1\frac{1}{2}$ ) inches of bituminous concrete binder, upon the existing concrete base, which was cleaned off and brought to within three (3) inches of the finished surface of the roadway, with Portland cement concrete.

*Columbus avenue*, from the bridge over the Boston & Albany Railroad to the north side of Camden street, about 4,087 linear feet, was resurfaced by the Barber Asphalt Paving Company, under a ten (10) years' maintenance guarantee, with one and one-half ( $1\frac{1}{2}$ ) inches of Trinidad asphalt wearing surface and one and one-half ( $1\frac{1}{2}$ ) inches of bituminous concrete binder, laid on the existing concrete base, which was cleaned off and brought to within three (3) inches of the finished surface of the roadway, with Portland cement concrete. The track location,  $17\frac{1}{2}$  feet in width, was paved with large granite blocks on a Portland cement concrete base, with pitch and pebble joints, and was paid for by the Boston Elevated Railway Company. The track brows were laid on a cement mortar bed, and the crosswalks were laid on a concrete base with pitch and pebble joints. The Barber Asphalt Paving Company also did the paving and regulating.

*Columbus avenue*, from the north side of Camden street to about 60 feet north of Station street, a distance of about 3,860 linear feet, was resurfaced by the Boston Asphalt Company, under a ten (10) years' maintenance guarantee, with one and one-half ( $1\frac{1}{2}$ ) inches of Bermudez asphalt and one and one-half ( $1\frac{1}{2}$ ) inches of bituminous concrete binder, laid on the existing concrete base, which was cleaned off and brought to within three (3) inches of the finished surface of the roadway, with Portland cement concrete. This company also did the paving and regulating. The track location was paved with large granite blocks on a Portland cement concrete base, with pitch and pebble joints, and was paid for by the Boston Elevated Railway Company. The track brows were laid on a cement mortar bed, and the crosswalks were laid on a concrete base, with pitch and pebble joints.

*Eustis street*, at the Albert Palmer School, was paved with one and one-half ( $1\frac{1}{2}$ ) inches of Trinidad asphalt wearing surface and one and one-half ( $1\frac{1}{2}$ ) inches of bituminous concrete binder laid on a 6-inch Portland cement concrete base, by the Barber Asphalt Paving Company, under a ten (10) years' maintenance guarantee. This company also did the paving and regulating. The track area was paved with large granite blocks on a 6-inch Portland cement concrete base with pitch and pebble joints and was paid for by the Boston Elevated Railway Company. The former surface was granite blocks on a gravel base with gravel joints.

*Joiner street*, between Park and Chelsea streets, was paved by the Barber Asphalt Paving Company, under a ten (10) years' maintenance guarantee, with one and one-half ( $1\frac{1}{2}$ ) inches of Trinidad asphalt wearing surface and one and one-half ( $1\frac{1}{2}$ ) inches of bituminous concrete binder laid on a 6-inch Portland cement concrete base. The city did the excavating and regulating. The former surface was macadam.

*K street*, between East Fourth and East Sixth streets, was paved with one and one-half ( $1\frac{1}{2}$ ) inches American rock asphalt wearing surface and one and one-half ( $1\frac{1}{2}$ ) inches of asphaltic cement concrete binder laid on a 6-inch Portland cement concrete



base, by Jones & Meehan, under a ten (10) years' maintenance guarantee. Jones & Meehan also did the regulating. The former surface was macadam.

*Lynn street*, between Thacher and Cooper streets, was paved with one and one-half ( $1\frac{1}{2}$ ) inches of Trinidad asphalt wearing surface and one and one-half ( $1\frac{1}{2}$ ) inches of bituminous concrete binder laid on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company, who also did the regulating. The former surface was granite blocks on a gravel base with gravel joints.

*Palmer street*, at the Albert Palmer School, was paved with one and one-half ( $1\frac{1}{2}$ ) inches of Trinidad asphalt wearing surface and one and one-half ( $1\frac{1}{2}$ ) inches of bituminous concrete binder laid on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company, who also did the regulating. The old paving blocks were hauled to the Dimock-street crusher. The former surface was granite blocks on a gravel base with gravel joints.

### WOOD BLOCK PAVEMENT.

*Washington street*, between Beach and Milk streets, a distance of about 2,285 linear feet, was paved with wood block, by the United States Wood Preserving Company, under a ten (10) years' maintenance guarantee. The portion at the intersections of Boylston street and Essex street was paved with granite blocks on a Portland cement concrete base, with pitch and pebble joints. The wood block is laid on a 6-inch Portland cement concrete base, over which is spread a bed of cement mortar  $\frac{1}{2}$  inch in thickness. On this mortar surface, spread smooth and to the proper crown and grade, the wooden blocks are laid with the grain of the wood vertical and courses parallel and firmly bedded in the mortar bed, with as tight joints as possible. These joints are filled with cement grout. The blocks were laid with a cushion joint of asphalt at the curb and crosswalks to allow for expansion. These wooden blocks are made from "Virginia gum tree wood" and are  $3\frac{1}{2}$  inches in depth, from six (6) to ten (10) inches in length and four (4) inches wide, and are treated with an antiseptic and waterproof mixture. The track area was paid for by the Boston Elevated Railway Company. The setting of the edgestones and the regulating of the sidewalks was done under the supervision of the Transit Commission and was paid for by them. The former pavement was granite blocks on a concrete base, with pitch and pebble joints.

### HASSAM PAVEMENT.

This is a patent pavement composed of crushed stone and Portland cement grout. It is laid six (6) inches deep, four inches of which is composed of No. 1 crushed stone, well

rolled and treated with two coats of Portland cement grout. Upon this foundation there is spread one and one-half ( $1\frac{1}{2}$ ) inches of No. 2 crushed stone, well rolled and treated with two layers of cement grout, after which it is again rolled and  $\frac{1}{2}$ -inch coat of creamy grout, made of equal parts of cement, sand and screenings, is spread over the surface. An expansion joint of asphalt is made along the line of the curbstone and also at intervals across the street, not more than one hundred (100) feet apart. This pavement was laid by Simpson Bros. Corporation, under a five (5) years' maintenance guarantee, in *Main street*, from the Boston & Maine Railroad bridge to the Somerville line. As that portion of Main street in Somerville had already been paved with Hassam pavement, it was deemed advisable to lay the same pavement on that portion between the Somerville line and the Boston & Maine Railroad bridge. The contractor also did the excavating and regulating. The former surface was macadam.

#### BITULITHIC PAVEMENT.

This is a patent pavement composed of crushed stone and bituminous cement. It is laid six (6) inches deep, four inches of which is composed of No. 1 crushed stone, well rolled and treated with two layers of bituminous cement. The other two inches, or wearing surface, is composed of a crushed stone varying in size from two (2) inches to a fine dust, and heated and mixed with bituminous cement and rolled with a steam road roller. This pavement was laid under a ten (10) years' maintenance guarantee by the Warren Bros. Company, in the following streets :

*Blue Hill avenue*, from Dewey street to Savin street. The excavating and regulating was done by the contractor. The excavated material was hauled to the Dimock-street crusher. The track area was repaved with granite blocks on a Portland cement concrete base, with pitch and pebble joints, and was paid for by the Boston Elevated Railway Company. The track brows were laid on a cement mortar bed. The former surface was granite blocks on a gravel base with gravel joints.

*Blue Hill avenue*, between Brunswick and Devon streets. The excavating and regulating was done by the contractor. The excavated material was hauled to the Dimock-street crusher. The track area was repaved with granite blocks on a Portland cement concrete base with pitch and pebble joints, and was paid for by the Boston Elevated Railway Company. The track brows were laid on a cement mortar bed. The former surface was granite blocks on a gravel base with gravel joints.

*Berkeley street*, between Tremont street and Columbus avenue. The excavating and regulating was done by the contractor. The

old paving blocks were hauled to the Massachusetts avenue lot by the contractor. The track area was paved with large granite blocks on a Portland cement concrete base, with pitch and pebble joints, and was paid for by the Boston Elevated Railway Company. The track brows were laid on a cement mortar bed. The work on this street is practically completed and will be finished early in the coming season. The former surface was granite blocks on a gravel base with gravel joints.

*Dacia street*, from Dove street across Woodcliff street. The contractor did the excavating and regulating. The excavated materials were hauled to the Dimock-street crusher by the contractor. The former surface was macadam.

*Florence street*, between Washington street and Harrison avenue. The contractor did the excavating and regulating. The former surface was asphalt blocks on a concrete base.

*Garden-court street*, from North square to Fleet street. The contractor did the excavating and regulating. The old paving blocks were hauled to the Revere-street yard by the contractor. The former surface was granite blocks on a gravel base with gravel joints.

*Huntington avenue*, from Dartmouth street to bridge over the Boston & Albany Railroad. The contractor did the excavating and regulating. The old paving blocks were hauled to the Kenney-street crusher by the contractor. The track area was paved with large granite blocks on a Portland cement concrete base, with pitch and pebble joints, and was paid for by the Boston Elevated Railway Company. The track brows were laid on a cement mortar bed. The former surface was macadam.

*Moon street*, from Fleet street about 106 feet southwesterly. The contractor did the excavating and regulating, and hauled the old paving blocks to the Revere-street yard. The former surface was granite blocks on a gravel base with gravel joints.

*North square*, from North street to Moon street. The contractor did the excavating and regulating, and hauled the old paving blocks to the Revere-street yard. The former surface was granite blocks on a gravel base with gravel joints.

*Prince street*, from Hanover street to North square. The contractor did the excavating and regulating and hauled the old paving blocks to the Revere-street yard. The former surface was granite blocks on a gravel base with gravel joints.

*Woodcliff street*, from Blue Hill avenue to Dacia street. The contractor did the excavating and regulating and hauled the old gutter blocks to the Dimock-street crusher. The former surface was macadam.

#### ASSESSMENT STREETS.

The following streets have been constructed under the provisions of chapter "323" of the Acts of 1891, and the acts in amendment thereof or in addition thereto:

*Bennington street*, between Orleans and Moore streets, is about 1,684 feet long. The contract for constructing this street was awarded to James Doherty, August 6, 1906. Work was begun August 14, 1906, and suspended December 22, 1906. The roadway consists of an 8-inch Telford base, covered with four (4) inches of macadam surface and three (3) feet granite block gutters. The sidewalks are twenty feet wide, twelve feet loam and the balance brick. The Telford base, crushed stone for macadam and the loam were furnished by the contractor. The edgestone, flagging, bricks and granite blocks were furnished by the city on the work. Work will be resumed early in the spring.

*Jersey street*, from Brookline avenue to Audubon road, is about 1,863 feet long. The contract for constructing this street was awarded to Robert Eagar, August 23, 1906. Work was begun September 6, 1906, and suspended December 12, 1906. It is a 6-inch macadam roadway with three (3) feet vitrified brick gutters. The sidewalks are 12 feet wide, 7 feet 6 inches loam and 7 feet 6 inches cracked stone, overlapping the loam space 3 feet. The loam was furnished by the contractor. The vitrified bricks and the granite paving blocks were furnished by the city on the work. The edgestone, flagging and crushed stone were furnished by the city and hauled by the contractor. Work will be resumed early in the spring.

*Queensberry street*, from Audubon road to Audubon road, is about 1,763 feet long. The contract for constructing this street was awarded to William J. Barry, August 22, 1906. Work was begun August 31, 1906, and suspended December 7, 1906. It is a 6-inch macadam roadway with vitrified brick gutters. The sidewalks are 12 feet wide, consisting of 7 feet 6 inches of loam and 7 feet 6 inches of cracked stone, overlapping the loam 3 feet. The loam was furnished by the contractor. The vitrified bricks and the granite paving blocks were furnished by the city on the work. The edgestone, flagging and crushed stone were furnished by the city and hauled by the contractor. Work will be resumed early in the spring.

*Rowe street*, between Ashland and Seymour streets, is about 478 feet long. The contract for constructing this street was awarded to William L. Dolan, August 14, 1906. Work was begun August 27, 1906, and completed October 6, 1906. It is a 6-inch macadam roadway with crushed stone sidewalks. The paving blocks and crushed stone were furnished by the city on the site of the work. The edgestones and flagging were furnished by the city and hauled by the contractor.

*Bradshaw street*, between Esmond and Charlotte streets, is about 270 feet long. The contract for edgestone and gutter construction was awarded to Daniel E. Lynch, October 5, 1906. Work was begun November 1, 1906, and completed November 24, 1906. It is a 6-inch macadam roadway with crushed stone sidewalks. The macadam roadway was built and the sidewalks surfaced by the Street Department, the balance of the work being done by the contractor. The straight edgestone and flagging were

furnished by the city and hauled by the contractor. The circular edgestone and paving blocks were furnished by the city on the work.

The following streets were constructed under chapter "393" of the Acts of 1906 :

*Lorraine street*, from Colberg avenue to Belgrade avenue, is about 844 feet long. The contract for constructing the surface of this street was awarded to William L. Dolan, October 3, 1906. Work was begun October 15, 1906, and suspended November 22, 1906. The street has been left in a passable condition for the winter. Work will be resumed in the spring, and the street completed during the coming season. This street is of a type differing somewhat from the usual construction of a 40-foot street. The 6-inch macadam road surface is 19 feet in width, with 4-foot dish gutters on both sides. The edgestones have been omitted, except at street corners and on a small portion where an artificial stone sidewalk was already laid. The sidewalks will be  $6\frac{1}{2}$  feet in width,  $4\frac{1}{2}$  feet of which will be laid with artificial stone, and  $1\frac{1}{2}$  feet loam space, which will be seeded. This type is to be recommended for suburban residential streets, as it is pleasing in appearance and of less cost than the usual construction.

*Longfellow street*, from Topliff street to Draper street, is about 1,035 feet in length. The contract for constructing the surface of this street was awarded to Robert Eagar, October 27, 1906. Work was begun November 5, 1906, and suspended December 3, 1906. The edgestones were set and the gutters paved this year. The street has been left in a passable condition for the winter. Work will be resumed early in the spring.

*Meredith street*, from Clement avenue to Kenneth street, is about 567 feet long. The contract for constructing the surface of this street was awarded to Thomas F. Welch, October 3, 1906. Work was begun October 27, 1906, and suspended December 4, 1906. It is a 6-inch macadam roadway with dish gutters 4 feet wide. The sidewalks are 9 feet wide, 4 feet 6 inches of granolithic, 3 feet 6 inches loam planting space, and one foot of block hip gutters. The crushed stone for the macadam roadway was furnished by the city, and the loam and sod for the planting spaces were furnished by the contractor. The granite blocks for the gutters were furnished by the city on the work. Work will be resumed in the spring.

*Milwood street*, from Adams street to Milton street, is about 755 feet in length. The contract for constructing the surface of this street was awarded to Daniel E. Lynch, October 3, 1906. Work was begun October 15, 1906, and suspended December 19, 1906. The edgestones were set, the gutters paved and the 6-inch macadam placed in the roadway this year. The street has been left in a passable condition for the winter. The street will be completed early in the coming season.

*Rosemary street*, from South street to the Old Colony Railroad land, is about 520 feet in length. The contract for constructing the surface of this street was awarded to James W. O'Brien, September 29, 1906. Work was begun October 22, 1906, and completed November 30, 1906. It is a 6-inch macadam roadway with crushed stone sidewalks. The edgestones and flagging were furnished by the city and hauled by the contractor. The paving blocks were furnished by the city on the work.

The following streets were built under the general law and are assessable only for edgestones and brick sidewalks:

*Evans street*, from Nelson street to Capen street, is about 630 feet in length. The contract for constructing the surface of this street was awarded to W. H. Grose & Co., August 28, 1906. Work was begun August 29, 1906, and completed October 16, 1906. It is a 6-inch macadam roadway with crushed stone sidewalks. The edgestones, flagging and crushed stone were furnished by the city and hauled by the contractor. The paving blocks were furnished by the city on the work.

*Maxwell street*, between Nelson and Capen streets, is about 640 feet in length. The contract for constructing the surface of this street was awarded to W. H. Grose & Co., September 19, 1906. Work was begun September 22, 1906, and completed November 5, 1906. It is a 6-inch macadam roadway with crushed stone sidewalks. The edgestones, flagging for crosswalks and crushed stone were furnished by the city and hauled by the contractor. The paving blocks were furnished by the city on the work.

*Nelson street*, between Norfolk and Evans streets, is about 565 feet long. The contract for constructing the surface of this street was awarded to W. H. Grose & Co., July 17, 1906. Work was begun July 23, 1906, and completed September 13, 1906. It is a 6-inch macadam roadway with crushed stone sidewalks, except about 100 square yards, which was paved with brick. The edgestones, flagging and crushed stone were furnished by the city and hauled by the contractor. The paving blocks were furnished by the city on the work.

*Nelson street*, from Evans street to Selden street, is about 475 feet in length. The contract for constructing the surface of this street was awarded to W. H. Grose & Co., November 2, 1906. Work was begun November 8, 1906, and completed December 3, 1906. It is a 6-inch macadam roadway with crushed stone sidewalks. The edgestones, flagging and crushed stone were furnished by the city and hauled by the contractor. The paving blocks were furnished by the city on the work.

*Washington street*, from Ashmont street to Armandine street, is about 320 feet in length. The contract for constructing the surface of this street was awarded to Daniel E. Lynch, August 22, 1906. Work was begun September 5, 1906, and completed November 17, 1906. It is a 6-inch macadam roadway with car tracks, except that a part of the roadway from Ashmont street to

about 200 feet southerly, on the easterly side, is paved with granite blocks from rail to curb. The tracks were set to grade and the track locations paved by the Boston Elevated Railway Company. The 6-inch macadam roadway and sidewalk surfacing were done by the city, the balance of the work being done by the contractor. The edgestones were furnished by the city and hauled by the contractor. The paving blocks and flagging were furnished by the city on the work.

*Washington street*, from Euclid street to Ashmont street, is about 1,250 feet in length. The contract for excavating, setting edgestone and paving gutters and sidewalks was awarded to Daniel E. Lynch, September 17, 1906. Work was begun September 18, 1906, and completed November 3, 1906. It is a 6-inch macadam roadway with car tracks. The tracks were set to grade and the track locations paved by the Boston Elevated Railway Company. The macadam roadway and the resurfacing of the crushed stone sidewalks were done by the city. The edgestones, paving blocks and flagging were furnished by the city on the work.

*Freeport-street Wall*, at the estate of Mary A. Regan, on Freeport street. The contract for constructing this wall was taken away from John H. Broderick, on January 25, 1906, owing to his failure to complete it within the time specified in his contract, and the work was awarded to Daniel E. Lynch on February 16, 1906. He began work on April 17, 1906, and completed August 16, 1906. Upon the completion of the work an additional contract was awarded to Daniel E. Lynch for erecting an iron fence on the wall. This wall is of the same general characteristics as the walls previously built on this street, being an extension of the same. It is a mortar wall, about 350 feet in length and averaging about 7 feet in height. The building of this wall necessitated the relocating and the rebuilding of a part of the public bath house, and this work was also done by Daniel E. Lynch.

#### FINANCIAL STATEMENT.

Maintenance . . . . .	\$900,000 00	
Amount collected for repairs made by Street Department for different companies . . . .	1,523 60	
Amount transferred from various appropriations . . . . .	35,747 25	\$937,270 85
Expenditures from February 1, 1906, to January 31, 1907 . . . . .		\$937,270 85

## STREET IMPROVEMENTS.

Amount of loans . . . .	\$750,000 00	
Amount collected for repairs made by Street Department for different companies, etc.,	23,233 64	
Transferred from the following appropriations :		
Cottage-street bridge, recon- struction . . . .	420 79	
Malden bridge . . . .	2,313 75	
Carleton street . . . .	2,370 45	
Atlantic avenue, reconstruc- tion . . . .	4,241 55	
	<hr/>	\$782,580 16
Unexpended balance, February 1, 1906 .		67 50
		<hr/>
		\$782,647 66
Expenditures from February 1, 1906, to Jan- uary 31, 1907 . . . . .		739,139 87
		<hr/>
Unexpended balance, January 31, 1907 .		<u>\$43,507 79</u>

## TOTAL EXPENDITURES.

Maintenance appropriation, Street Department .	\$937,270 85
Street improvements . . . . .	739,139 87
Abolishment of grade crossings . . . . .	15 00
Atlantic avenue, extension . . . . .	920 37
Atlantic avenue, reconstruction . . . . .	10,152 66
Cambridge bridge . . . . .	607 15
Carleton street . . . . .	594 04
Columbus avenue, asphaltting . . . . .	120,931 13
Freeport street, retaining wall . . . . .	6,795 30
Highways, making of . . . . .	66,376 34
Northern avenue and Sleeper street . . . . .	2,432 50
Temple street, Ward 23, bridge and tunnel under railroad tracks . . . . .	13,690 68
	<hr/>
	<u>\$1,898,925 89</u>

## INCOME.

Statement showing the amount of bills deposited with the City Collector from February 1, 1906, on account of the Street Department for edge- stone and sidewalk assessments . . . . .	<u>\$13,266 43</u>
Amount paid into the City Treasury during the year on account of edgestone and sidewalk assessments . . . . .	<u>\$10,451 88</u>



**Objects of Expenditures from the Regular Appropriation, Classified by Districts, from February 1, 1906, to January 31, 1907.**

DISTRICTS.	Repairs.	Snow.	Edgestone and Sidewalk Repairs.	Repairing Fences.	Repairing Plankwalks.	Schedule A. Miscellaneous.	Schedule B. Street Work.	Totals.
1. South Boston.....	\$4,682 81	\$7,163 24	\$11,724 67	\$859 50	\$745 32	.....	\$2,970 43	\$28,145 97
2. East Boston.....	11,803 67	3,283 15	8,889 42	1,637 93	116 28	.....	4,861 80	30,592 25
3. Charlestown.....	10,339 59	3,967 13	5,155 13	798 42	28 56	.....	292 25	20,581 08
4. Brighton.....	12,011 73	3,746 14	5,258 45	145 59	38 39	.....	510 00	21,710 30
5. Jamaica Plain.....	7,584 35	4,891 19	4,761 46	568 38	13 50	.....	1,456 63	19,275 51
6. Dorchester.....	19,033 62	5,645 45	7,211 74	311 50	4 70	.....	1,474 18	33,681 19
7. Roxbury.....	19,004 31	11,002 94	17,229 81	4,100 66	928 49	.....	60 50	52,326 71
8. South End.....	22,173 59	16,172 85	14,454 40	155 05	129 49	.....	1,461 04	54,546 42
9. Back Bay.....	8,809 85	4,914 28	8,729 60	2,811 99	138 47	.....	508 20	25,912 39
10. North End.....	34,834 35	14,173 43	5,983 16	.....	.....	.....	321 10	55,312 04
11. West Roxbury.....	3,188 09	1,015 12	542 42	816 22	64 61	.....	583 66	6,210 12
12. Ashmont.....	5,689 06	1,049 04	1,989 54	331 10	64 28	.....	.....	9,123 02
	.....	.....	.....	.....	.....	\$579,853 85	.....	579,853 85
Total.....	\$159,155 02	\$77,023 96	\$91,929 80	\$12,536 84	\$2,272 09	\$579,853 85	\$14,499 79	\$937,270 85

## SCHEDULE A.

Salaries of superintendent and office employees . . . . .	\$18,994	81
Salaries of permit office employees . . . . .	10,001	96
Salaries of inspectors . . . . .	27,113	53
Salaries of engineering force . . . . .	25,442	74
Engineering supplies . . . . .	424	95
Holidays . . . . .	62,739	14
Furniture . . . . .	199	00
Signs and numbers . . . . .	10,582	73
Gas and electric lighting . . . . .	690	46
Medical attendance on injured employees . . . . .	585	25
Pay allowed injured employees . . . . .	2,207	33
Printing and stationery . . . . .	7,276	44
Wharfage and rent . . . . .	10,384	52
Taxes . . . . .	342	64
Fuel and oil . . . . .	2,837	55
Telephone service . . . . .	1,755	25
Tools, new, and cost of repairing, etc. . . . .	29,804	29
Veterinary services . . . . .	1,771	50
Stoves, piping, and repairs, etc. . . . .	144	82
Street cleaning . . . . .	92,747	47
Repairing asphalt pavement . . . . .	10,345	29
Artificial stone sidewalks, rebates allowed and repairs . . . . .	7,912	10
Edgestones and sidewalks, new . . . . .	15,830	59
Fences and plankwalks, new . . . . .	611	29
Crossings, repairing . . . . .	17,246	98
Crossings, new . . . . .	3,629	90
Repairing over sewer trench . . . . .	925	22
Sanding icy streets . . . . .	535	85
Oatmeal . . . . .	225	00
Travelling expenses, including car tickets, etc. . . . .	1,334	05
Electrical appliances, labor, stock, etc. . . . .	2,139	35
Expense of central office of Street Department . . . . .	3,610	42
Rent of towels . . . . .	128	40
Derrick repairs, etc. . . . .	410	26
Snow dump on Dorchester avenue . . . . .	453	50
Executions of court and damages . . . . .	1,432	88
Messenger service . . . . .	299	73
Repairing bulkhead at L street . . . . .	2,170	10
Steam rollers and scarifier . . . . .	14,250	00
Reo touring car . . . . .	1,175	00
Proportional share of cost of Mayor's touring car . . . . .	500	00
Boiler insurance . . . . .	698	00
Ice . . . . .	115	82
Building shed for steam roller at East Eagle-street yard . . . . .	104	12
Repairing buildings at Highland-street yard . . . . .	1,587	00
<i>Carried forward . . . . .</i>	<u>\$393,717</u>	<u>23</u>

## STREET DEPARTMENT — EXECUTIVE ENGINEER. 19

<i>Brought forward</i> . . . . .	\$393,717	23
Repairing buildings at Mt. Vernon-street yard . . . . .	2,148	50
Building new shed and repairing buildings at South yard . . . . .	2,573	70
Painting shed at Medford-street yard . . . . .	293	00
Shanties, repairing, etc. . . . .	439	98
Repairs to offices, stables, sheds, etc. . . . .	8,614	10
Expenses of yards and stables, including care of horses, repairs to carts, harnesses, etc. . . . .	\$211,093	36
Less amount earned by department teams . . . . .	82,252	42
	<hr/>	128,840 94
Stone crushers, net cost of maintenance . . . . .	1,435	56
Steam rollers, net cost of maintenance . . . . .	2,149	45
Repairing sea wall at Alford street, Charlestown . . . . .	1,000	00
Stock, including handling and teaming . . . . .	36,626	72
Repairing retaining wall on Porter street . . . . .	303	17
Grading yard at Medford street . . . . .	939	80
Advertising . . . . .	42	09
Materials sold to individuals . . . . .	<sup>1</sup> 232	07
Extra postage . . . . .	22	18
Removing night soil . . . . .	96	00
Newspapers, magazines, etc. . . . .	118	77
Expressage . . . . .	16	75
Ensigns . . . . .	11	50
Remington typewriter . . . . .	87	75
Constable bond . . . . .	15	00
Expense looking up claims . . . . .	40	60
Sundries . . . . .	88	99
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	\$579,853	85

## SCHEDULE B.

## STREET WORK. UNFINISHED WORK FROM 1905.

<i>Albany street</i> , from Massachusetts avenue, north-erly . . . . .	\$27	20
<i>Allston street</i> , at Commonwealth avenue . . . . .	510	00
<i>Bickerstaff street</i> , Haviland street to Norway street, . . . . .	505	00
<i>Blackstone street</i> , Hanover to Cross street . . . . .	321	10
<i>Canterbury street</i> , Morton to Walk Hill street . . . . .	45	00
<i>Centre street</i> , Baker street to the Dedham line . . . . .	323	00
<i>Chestnut avenue</i> , Boylston to Paul Gore street . . . . .	201	50
<i>Clarendon street</i> , Beacon to Boylston street . . . . .	3	20
<i>East First street</i> , I to L street . . . . .	483	10
	<hr/>	<hr/>
<i>Carried forward</i> . . . . .	\$2,419	10

<sup>1</sup> \$192.16 paid into City Treasury.

<i>Brought forward</i> . . . . .	\$2,419 10
<i>Freeport street</i> . . . . .	109 00
<i>K street</i> , East First street northerly to the water line,	886 09
<i>La Grange street</i> , Washington to Robin street .	224 00
<i>Mt. Pleasant avenue</i> , Dudley to Vine street .	60 50
<i>N street</i> , East Sixth street to Columbia road .	215 50
<i>Park square</i> , at Pleasant street . . . . .	64 00
<i>Pope street</i> , Curtis to Moore street . . . . .	924 00
<i>Proctor street</i> , Massachusetts avenue to Norfolk avenue . . . . .	739 50
<i>Spencer street</i> , Wheatland avenue to Park street .	15 76
<i>Tyler street</i> , Beach street to Broadway extension,	10 53

## STREETS RESURFACED.

<i>Canterbury street</i> , Blue Hill avenue to Morton street,	887 13
<i>Chelsea street</i> , East Eagle street to the Chelsea bridge . . . . .	2,531 30
<i>Clayton place</i> , from Magazine street . . . . .	366 11
<i>Gardner street</i> , Baker street to railroad, plankwalk,	583 66
<i>Hartland street</i> , from Saxton street . . . . .	116 22
<i>Havre street</i> , from Maverick street 325 feet east- erly, artificial stone sidewalks . . . . .	480 50
<i>Hunter street</i> , Bunker Hill to Vine street . . . .	292 25
<i>London street</i> , from Maverick street 325 feet east- erly, artificial stone sidewalks . . . . .	926 00
<i>Preble street</i> , Vinton street to Columbia road .	1,385 74
<i>Samoset street</i> , Welles avenue to Roseland street .	187 26
<i>Tamworth street</i> , La Grange to Boylston street .	253 70
<i>Welles avenue</i> , Talbot avenue to Samoset street .	821 94
	<hr/>
	\$14,499 79

## DETAIL OF EXPENDITURES UNDER SPECIAL APPROPRIATIONS.

Abolishment of grade crossings (Dudley street) .	<sup>1</sup> \$15 00
<i>Atlantic avenue</i> , extension . . . . .	<sup>1</sup> 920 37
<i>Atlantic avenue</i> , reconstruction, Broad to Commer- cial street . . . . .	10,152 66
<i>Cambridge bridge</i> . . . . .	<sup>1</sup> 607 15
<i>Carlton street</i> . . . . .	<sup>1</sup> 594 04
<i>Columbus avenue</i> , asphaltting . . . . .	<sup>3</sup> 120,931 13
<i>Freeport street</i> , retaining wall . . . . .	<sup>2</sup> 7,834 64
<i>Northern avenue and Sleeper street</i> . . . . .	<sup>1</sup> 2,432 50
<i>Temple street</i> , Ward 23, bridge and tunnel under railroad tracks . . . . .	13,690 68
Total . . . . .	<hr/> <b>\$157,178 17</b> <hr/>

<sup>1</sup> Work done for Engineering Department.<sup>2</sup> Includes \$1,039.34 charged to Street Improvements.<sup>3</sup> \$24,705.13 paid by Boston Elevated Railway Company.

## STREET IMPROVEMENTS.

<i>Advertising</i> . . . . .	\$217 60
<i>Adams street</i> , Parkman street to Ashmont street .	1,690 73
<i>Almont street</i> , Blue Hill avenue to Walk Hill street (from 1905) . . . . .	254 00
<i>Amory street</i> , Green street to No. 274 . . . . .	763 09
<i>Armstrong street</i> , Chestnut avenue to Mozart street,	777 64
<i>Arnold street</i> , Washington street to Shawmut avenue,	2,265 57
<i>Ashley street</i> , Chestnut avenue to Armstrong street,	587 60
<i>B street</i> , West Broadway to West Third street .	2,549 99
<i>Ball street</i> , Washington street to Shawmut avenue,	1,850 51
<i>Beach street</i> , Freeport street to Park street . .	1,885 24
<i>Beacon street</i> , Dartmouth street to Fairfield street,	30 90
<i>Beacon street</i> , Pumping Station to the Newton line,	17,204 67
<i>Beech street</i> , Poplar street to Washington street .	5,847 28
<i>Belmont street</i> , Bunker Hill street to Medford street,	2,419 87
<sup>1</sup> <i>Bennet street</i> , Ash street to Harrison avenue, work done in 1906 . . . . .	—
<i>Berkeley street</i> , Columbus avenue to Tremont street,	24,760 52
<i>Berkeley street</i> , Stanhope street to St. James street,	1,865 31
<i>Berkeley street</i> , Boylston street to Providence street (unfinished) . . . . .	243 03
<i>Blue Hill avenue</i> , Woodville street to Stafford street (unfinished) . . . . .	508 43
<i>Blue Hill avenue</i> , Dewey street to Savin street .	7,763 47
<i>Blue Hill avenue</i> , Brunswick street to Devon street,	2,452 99
<i>Blue Hill avenue</i> , Washington street to Esmond street and Morton street to Callender street .	11,795 95
<i>Blakemore street</i> , Hyde Park avenue to railroad .	609 66
<i>Bowdoin avenue</i> , Eldon street to Rosseter street .	4,417 86
<i>Bowdoin street</i> , Washington street to Hancock street,	2,909 12
<i>Boylston street</i> , Brookline avenue to Parkway .	3,648 73
<i>Brewster street</i> , East Seventh street to East Eighth street . . . . .	894 66
<i>Brimmer street</i> , Byron street to Chestnut street .	1,268 62
<i>Brookline avenue</i> , Beacon street to Audubon road (from 1905) . . . . .	3,003 86
<i>Brooks street</i> , Bennington street to Saratoga street and White to Trenton street . . . . .	1,795 57
<i>Byron street</i> , Pope street to Saratoga street . .	1,850 82
<i>C street</i> , West First street across Fargo street .	46,107 08
<i>Call street</i> , Williams street to Keyes street . .	890 27
<i>Canterbury street</i> , Calder street 150 feet easterly .	758 72
<i>Carolina avenue</i> , South street to Call street . .	5,768 14
<i>Centre street</i> , Paul Gore street to Eliot street and Beech street to Spring street . . . . .	4,297 09
<i>Carried forward</i> . . . . .	\$165,954 87

<sup>1</sup> \$1,504.02 paid by Boston Elevated Railway Company.

<i>Brought forward</i> . . . . .	\$165,954 87
<i>Cheney street</i> , Maple street to Elm Hill avenue . . . . .	2,066 51
<i>Chester street</i> , Commonwealth avenue to Brighton avenue . . . . .	681 83
<i>Coleridge street</i> , Wordsworth street to Short street, . . . . .	3,506 46
<i>Columbus avenue</i> , Walnut avenue to Jackson square, . . . . .	14,453 55
<i>Congress street</i> , Fort Point Channel to N. Y., N. H. & H. R.R. . . . .	38,757 10
<i>Congreve street</i> , South street to Centre street . . . . .	1,346 49
<i>Crawford street</i> , Warren street to Humboldt avenue, . . . . .	3,938 86
<i>Cross street</i> , Fulton street to Commercial street . . . . .	500 12
<i>D street</i> , West Seventh street to Old Colony avenue, . . . . .	2,901 23
<i>Dacia street</i> , Dove street across Woodcliff street, . . . . .	3,295 63
<i>Dorchester avenue</i> , Crescent avenue to Victoria st., . . . . .	1,543 22
<i>Dorchester avenue</i> , Ellet street to Leedsville street, . . . . .	1,211 59
<i>Dorchester avenue</i> , Park street to Ashmont street, . . . . .	1,041 72
<i>E street</i> , West Fourth street to West Fifth street . . . . .	1,505 52
<i>East Brookline street</i> , Washington street to Albany street . . . . .	1,963 90
<i>East Canton street</i> , Washington street to Albany street . . . . .	5,136 32
<i>East Dedham street</i> , Washington street to Harrison avenue . . . . .	3,859 06
<i>East and West Newton street</i> , Albany street to Tremont street . . . . .	4,918 35
<i>East Seventh street</i> , G street to L street and M street to N street . . . . .	16,800 43
<i>East Third street</i> , H street to L street . . . . .	9,993 12
<i>Eldora street</i> , Hillside street to Sunset street . . . . .	709 95
<i>Elmore street</i> , Washington street to Walnut avenue . . . . .	1,875 84
<i>Essex street</i> , Hancock square to Rutherford avenue, . . . . .	9,674 23
<i>Eustis street</i> , Washington street to the Albert Palmer School . . . . .	2,501 84
<sup>1</sup> <i>Eustis street</i> , in front of Albert Palmer School . . . . .	2,061 62
<i>Evans street</i> , Nelson street to Capen street . . . . .	4,313 16
<i>Fisher avenue</i> , Parker street to Hayden street . . . . .	7,231 76
<i>Fleet street</i> , Hanover street to Commercial street . . . . .	1,713 70
<i>Florence street</i> , Sherwood street to Ridge street (from 1905) . . . . .	569 22
<i>Florence street</i> , Ashland street to Poplar street . . . . .	4,334 61
<i>Florence street</i> , Washington street to Harrison avenue . . . . .	3,275 28
<i>Forest Hills street</i> , Williams street to Keyes street, . . . . .	546 59
<i>Freeport street</i> , Park street to Neponset River . . . . .	4,331 26
<i>Fuller street</i> , Washington street to Dorchester avenue (from 1905) . . . . .	513 98
<i>Carried forward</i> . . . . .	\$329,028 92

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<sup>1</sup> \$410.63 paid by the Boston Elevated Railway Company.

<i>Brought forward</i> . . . . .	\$329,028 92
<i>Fulton place</i> , North street to Fulton street . . . . .	806 08
<i>Garden-court street</i> , North square to Fleet street, . . . . .	1,810 84
<i>Geneva avenue</i> , Bowdoin street to Park street . . . . .	5,985 25
<i>Georgia street</i> , Blue Hill avenue to Montana street, . . . . .	1,370 66
<i>Germania street</i> , Brookside avenue to Boylston st., . . . . .	1,359 28
<i>Gleason street</i> , Harvard street to Bradshaw street, . . . . .	3,127 72
<i>Glenarm street</i> , Washington street to Seaver street, . . . . .	305 00
<i>Glenway street</i> , near Brenton street . . . . .	141 34
<i>Granite street</i> , at Mt. Washington avenue . . . . .	205 54
<i>Green street</i> , Amory street to Centre street . . . . .	2,948 94
<i>Hammett street</i> , Grinnell street to Sarsfield street, . . . . .	587 06
<i>Hampden street</i> , Island street to Howard street . . . . .	4,181 78
<i>Harley street</i> , Welles avenue to Roslin street . . . . .	2,645 79
<sup>1</sup> <i>Harrison avenue</i> , Northampton street to East Springfield street (1905) . . . . .	—
<i>Harrison avenue</i> , East Newton street to East Brookline street . . . . .	3,731 05
<sup>2</sup> <i>Harrison avenue</i> , Bedford street to Essex street, work done in 1905 . . . . .	—
<i>Hartford street</i> , Howard avenue to Sargent street, . . . . .	3,223 01
<i>Harvard street</i> , Blue Hill avenue to Wales street (from 1905) . . . . .	536 03
<i>Harvard street</i> , School street to Gleason street . . . . .	1,243 36
<i>Harvard street</i> , Walk Hill street to Cemetery gate, . . . . .	1,175 16
<i>Harvard street</i> , Washington street to Albany street, . . . . .	2,596 65
<i>Hawley street</i> , Summer street to Franklin street . . . . .	<sup>3</sup> 4,264 03
<i>Hemenway street</i> , Boylston street to Huntington avenue . . . . .	5,661 00
<i>Hichborn street</i> , North Beacon street to Arthur street . . . . .	248 65
<i>Howard avenue</i> , Hartford street to Sargent street, . . . . .	586 16
<i>Howard street</i> , Hampden street to Gerard street . . . . .	1,911 34
<i>Howland street</i> , Warren street to Humboldt avenue, . . . . .	5,135 92
<i>Huntington avenue</i> , Dartmouth street to railroad bridge . . . . .	<sup>4</sup> 21,164 08
<i>Huntington avenue</i> , Gainsborough street to Long- wood avenue . . . . .	6,673 95
<i>Hyde Park avenue</i> , 200 feet north of Ashland street to Hyde Park line . . . . .	3,314 86
<i>I street</i> , East Fourth street to East Ninth street . . . . .	6,776 20
<i>Ivanhoe street</i> , West Dedham street to West Can- ton street . . . . .	1,098 19
<i>James street</i> , West Brookline street to West Con- cord street . . . . .	1,953 78
<i>Carried forward</i> . . . . .	\$425,797 62

<sup>1</sup> \$1,627.72 paid by the Boston Elevated Railway Company.<sup>2</sup> \$635.95 paid by the Boston Elevated Railway Company.<sup>3</sup> \$528.30 paid by Boston Elevated Railway Company.<sup>4</sup> \$470.77 paid by Boston Elevated Railway Company.

<i>Brought forward</i>	\$425,797 62
<i>Joiner street</i> , Chelsea street to Park street	2,413 48
<i>K street</i> , East First street to East Third street	3,172 78
<i>K street</i> , East Fourth street to East Sixth street	10,295 82
<i>L street</i> , East First street to East Broadway and East Fourth street to East Ninth street	7,793 12
<i>Lewis street</i> , Sumner street to South Ferry	4,371 54
<i>Ludlow street</i> , Eden street to Mead street	413 50
<i>Lynde street</i> , Washington street to Austin street	2,863 92
<i>Lyndeboro street</i> , Essex street to Middlesex street	1,243 07
<i>Lynn street</i> , Thacher street to Cooper street	2,112 01
<i>Madison street</i> , Washington street to Shawmut avenue	1,811 40
<i>Main street</i> , Railroad bridge to Somerville line	1,260 96
<i>Maple street</i> , Schuyler street to Georgia street	972 17
<i>Market street</i> , Washington street to North Beacon street	3,665 38
<i>Massachusetts avenue</i> , Southampton street to Columbia road	2,757 33
<i>Maverick street</i> , Frankfort street to Jeffries street	2,410 91
<i>Maxwell street</i> , Nelson street to Capen street	4,644 89
<i>Metropolitan avenue</i> at Augustus avenue	1,079 10
<i>Middlesex street</i> , Main street to Rutherford avenue	417 49
<i>Miller street</i> , Lawrence street to Rutherford avenue	1,887 37
<i>Monmouth street</i> , Bunker Hill street to Monument square	4,438 58
<i>Moon street</i> , Fleet street to Sun-court street	884 87
<i>Mount Hope street</i> , Hyde Park avenue to Canter- bury street	4,479 68
<i>Mt. Vernon street</i> , Dorchester avenue to Boston street	3,881 76
<i>Morse street</i> , Washington street to Bowdoin avenue	514 76
<i>Morton street</i> , Harvard street to 300 feet east of Blue Hill avenue	2,374 26
<i>Morton street</i> , Washington street to entrance to Park	6,853 77
<i>N street</i> , East Broadway to East Second street	1,693 70
<i>National street</i> , Thomas Park to Dorchester street	1,490 89
<i>Nelson street</i> , Norfolk street to Selden street	6,826 14
<i>Newburg street</i> , Cornell street to Beech street	507 69
<i>Norfolk street</i> , at railroad bridge (from 1905)	705 00
<i>North square</i> , North street to Moon street	4,099 28
<i>North Beacon street</i> , Cambridge street to Murdock street	721 89
<i>Oak street</i> , Washington street to Albany street	2,559 63
<i>Ocean street</i> , Welles avenue to Roslin street	389 00
<i>Palmer street</i> , in front of Albert Palmer School	1,513 51
<i>Paris street</i> , Sumner street to Meridian street	736 50
<i>Penfield street</i> , Belgrade avenue to Birch street	8,686 55
<i>Carried forward</i>	\$534,741 32



## STREET DEPARTMENT — EXECUTIVE ENGINEER. 25

<i>Brought forward</i> . . . . .	\$534,741 32
<i>Perrin street</i> , Waverly street to Moreland street .	1,511 35
<i>Peter Parley road</i> , Forest Hills street to Walnut avenue . . . . .	1,852 15
<i>Poplar street</i> , Canterbury street to Metropolitan avenue . . . . .	422 70
<i>Prescott street</i> , Princeton street to Lexington street,	501 90
<i>Prince street</i> , Hanover street to North square .	937 16
<i>Putnam street</i> , White street to East Eagle street .	496 56
<i>Ray street</i> , Hulbert street to Regent street . .	877 13
<i>Roslin street</i> , Washington street to Ocean street .	2,646 05
<i>Ruthven street</i> , Elm Hill avenue to Humboldt avenue . . . . .	2,502 24
<i>St. Alphonsus street</i> , Tremont street to Calumet street, southeast side . . . . .	931 75
<i>St. James avenue</i> , Clarendon street to Berkeley street . . . . .	799 73
<i>Sargent street</i> , Hartford street to Howard avenue .	3,600 10
<i>Sarsfield street</i> , Tremont street to Grinnell street .	197 93
<i>School street</i> , Bunker Hill street to Bartlett street .	1,614 31
<i>School street</i> , Washington street to Walnut avenue,	1,274 52
<i>School street</i> , Washington street to Athelwold street,	1,000 94
<i>Schuyler street</i> , Hartwell street to Maple street .	1,157 96
<i>Seaver street</i> , Walnut avenue to Columbia road .	6,070 35
<i>Shawmut avenue</i> , Milford street to Union Park street . . . . .	1,620 08
<i>Shawmut avenue</i> , West Brookline street to West Newton street . . . . .	1,938 96
<i>Shawmut avenue</i> , West Concord street to West Springfield street . . . . .	2,513 18
<i>Shawmut avenue</i> , Woodbury street to Ball street .	459 81
<i>Silver street</i> , Dorchester street to G street . .	2,088 84
<i>Smith street</i> , Phillips street to Parker street and St. Alphonsus street to Huntington avenue . .	2,551 92
<i>Springer street</i> , East Seventh street to East Eighth street . . . . .	625 59
<i>Standish street</i> , Harvard street to Park street .	1,108 46
<i>Stimson street</i> , Centre street to Washington street (unfinished from 1905) . . . . .	2,336 69
<i>Stoughton street</i> , Pleasant street to Columbia road,	3,903 07
<i>Strathmore road</i> , Commonwealth avenue to Engle- wood avenue . . . . .	4,232 27
<i>Summer street</i> , Otis street to Devonshire street .	825 50
<i>Sutherland road</i> , Commonwealth avenue to Engle- wood avenue . . . . .	5,237 77
<i>Sylvia street</i> , Washington street to Forest Hills street . . . . .	383 64
<i>Talbot avenue</i> , Washington street to Dorchester avenue (unfinished from 1905) . . . . .	2,711 48
<i>Carried forward</i> . . . . .	\$595,673 41

<i>Brought forward</i> . . . . .	\$595,673	41
<i>Tappan street</i> , from South street, entire length . . . . .	334	89
<i>Temple street</i> , Vermont street to Keith street . . . . .	1,134	52
<i>Tonawanda street</i> , Geneva avenue to Greenbrier street . . . . .	2,540	92
<i>Trenton street</i> , Prescott street to Putnam street . . . . .	366	88
<i>Vermont street</i> , Temple street to La Grange street, . . . . .	1,849	43
<i>Wales street</i> , Blue Hill avenue to Harvard street . . . . .	1,604	49
<i>Walk Hill street</i> , Wachusett street to Paine street, . . . . .	667	40
<i>Walton street</i> , Washington street to Harley street, . . . . .	830	56
<i>Warren street</i> , Copeland street to Blue Hill avenue, . . . . .	10,975	20
<i>Warren street</i> , Dudley street to Moreland street . . . . .	2,065	22
<i>Warren street</i> , Allston street to the Brookline line, . . . . .	7,183	67
<i>Washington street</i> , Beach street to Milk street . . . . .	<sup>1</sup> 32,595	27
<i>Washington street</i> , Union Park street to Malden street and Malden street from Washington street to No. 44 (artificial stone sidewalks) . . . . .	1,126	85
<i>Washington street</i> , Arnold street to Eustis street . . . . .	3,160	89
<i>Washington street</i> , Vernon street to Marvin street, . . . . .	513	22
<i>Washington street</i> , Zeigler street to Dudley street, . . . . .	550	29
<i>Washington street</i> , Eldon street to Talbot avenue . . . . .	7,737	91
<i>Washington street</i> , Euclid street to Armandine st., . . . . .	8,133	80
<i>Washington street</i> , Townsend street to Morton street (unfinished from 1905) . . . . .	4,413	13
<i>Washington street</i> , Walk Hill street to Beech street, . . . . .	3,985	05
<i>Waumbeck street</i> , Warren street to Humboldt ave., . . . . .	3,229	11
<i>Waverly street</i> , Blue Hill avenue to Warren street, . . . . .	1,800	37
<i>Way street</i> , Harrison avenue to Albany street . . . . .	838	88
<i>Weld street</i> , Corey street to Church street . . . . .	6,498	16
<i>Weld avenue</i> , School street to Columbus avenue . . . . .	699	08
<i>Weld Hill street</i> , Hyde Park avenue to Forest Hills cemetery (south side) . . . . .	466	71
<i>Welles avenue</i> , Washington street to Talbot avenue, . . . . .	4,825	49
<i>Wenham street</i> , Walk Hill street to Weld Hill street, . . . . .	2,584	13
<i>Wenonah street</i> , Waumbeck street to Elm Hill avenue . . . . .	887	80
<i>Westbourne street</i> , Cornell street to Beech street . . . . .	1,797	76
<i>West Broadway</i> , E street to F street, work uncompleted . . . . .	1,715	65
<i>West Eighth street</i> , D street to Old Colony avenue, . . . . .	892	25
<i>West Fifth street</i> , D street to Dorchester street . . . . .	8,462	18
<i>West Newton street</i> (see East Newton street) . . . . .		
<i>Weston street</i> , Cabot street to Tremont street . . . . .	746	15
<i>White street</i> , Trenton street to Meridian street . . . . .	5,243	71
<i>Winship street</i> , Union street to Chestnut Hill avenue . . . . .	517	04
<i>Winthrop street</i> , Warren street to High street . . . . .	1,306	78
<i>Carried forward</i> . . . . .	\$729,954	25

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<sup>1</sup>\$18,000 paid by the Boston Transit Commission.

## STREET DEPARTMENT — EXECUTIVE ENGINEER. 27

<i>Brought forward</i> . . . . .	\$729,954 25
<i>Wood street</i> , Main street to High street . . . . .	1,904 72
<i>Woodcliff street</i> , Blue Hill avenue to Dacia street, . . . . .	3,450 28
<i>Wyoming street</i> , Warren street to Wabeno street . . . . .	2,791 28
Total . . . . .	\$738,100 53
Amount included in cost of Freeport street retain- ing wall . . . . .	1,039 34
Total . . . . .	<u>\$739,139 87</u>

## HIGHWAYS, MAKING OF.

<i>Arcadia Park</i> , Ditson street to Arcadia street . . . . .	\$38 07
<i>Aspinwall road</i> , Washington street to Talbot avenue . . . . .	128 32
<i>Bakersfield street</i> , Willis street to Stoughton street, . . . . .	215 00
<i>Bennington street</i> , Chelsea street to Belle Isle Inlet, . . . . .	21,505 79
<i>Bernard street</i> , Talbot avenue to the railroad . . . . .	8 00
<i>Boyden street</i> , Lauriat avenue to Callender street . . . . .	54 02
<i>Bradshaw street</i> , extended to Esmond street . . . . .	1,627 31
<i>Claybourne street</i> , Dakota street to Bowdoin street, . . . . .	108 87
<i>Clement avenue</i> , Meredith street to Stratford street, . . . . .	25 25
<i>Columbia road</i> , Blue Hill avenue to Marine Park . . . . .	2,870 30
<i>Cottage street</i> , Maverick street to the northeasterly line of Gay street . . . . .	73 48
<i>Davitt street</i> , Savin Hill avenue northeasterly 247 feet . . . . .	66 42
<i>Everdean street</i> , Green Hill street to Preston street, . . . . .	94 77
<i>Fottler road</i> , Walk Hill street northeasterly for a distance of 267 feet . . . . .	71 32
<i>Frankfort street</i> , Maverick street to the north- easterly line of Gove street . . . . .	50 50
<i>Jersey street</i> , Audubon road to Brookline avenue . . . . .	10,728 74
<i>Larkin street</i> , Hampden street to Adams street . . . . .	7 93
<i>Longfellow street</i> , Topliff street to Draper street . . . . .	3,223 36
<i>Lorraine street</i> , Colberg avenue to Belgrade avenue, . . . . .	2,461 88
<i>Mallet street</i> , Florida street to Adams street . . . . .	79 72
<i>Mapleton street</i> , Murdock street to Market street . . . . .	79 95
<i>Marmion street</i> , northeasterly from Cornwall street for 306 feet . . . . .	52 08
<i>Meredith street</i> , Kenneth street to Clement avenue, . . . . .	2,110 95
<i>Milwood street</i> , Adams street to Milton street . . . . .	3,475 60
<i>Norwood street</i> , from Tolman street northeasterly for about 444 feet . . . . .	7 93
<i>Oakridge street</i> , Codman street to Morton street . . . . .	139 02
<i>Pequot street</i> , Wait street to Calumet street . . . . .	28 55
<i>Carried forward</i> . . . . .	<u>\$49,333 13</u>

<i>Brought forward</i> . . . . .	\$49,333 13
<i>Pomfret street</i> , Maple street to Corey street . . . . .	13 80
<i>Primrose street</i> , Walter street to Fairview street . . . . .	32 57
<i>Queensberry street</i> , Audubon road to Audubon road, . . . . .	10,535 50
<i>Rockledge street</i> , Lambert avenue to Thornton street, . . . . .	52 08
<i>Roseland street</i> , Dorchester avenue to Samoset street . . . . .	48 97
<i>Rosemary street</i> , South street easterly to the railroad . . . . .	3,233 76
<i>Rowe street</i> , Seymour street to Ashland street . . . . .	2,806 95
<i>Saxton street</i> , Savin Hill avenue to Romsey street, . . . . .	72 00
<i>Speedwell street</i> , Topliff street to Hamilton street . . . . .	61 87
<i>Willowood street</i> , Lauriat avenue to Norfolk street . . . . .	171 91
<i>Wilmot street</i> , Ashland street to Newbern street . . . . .	13 80
Total . . . . .	<u>\$66,376 34</u>

### New Edgestones. (Not including "323" and "393" Streets.)

#### First Setting. Linear Feet.

YEAR.	South Boston.	East Boston.	Charlestown.	Brighton.	West Roxbury.	Dorchester.	Roxbury.	City Proper.	Totals.
1900.....	729	616	100	.....	614	9,633	8,882	1,544	22,118
1901.....	1,925	1,184	.....	4,627	7,936	22,574	13,942	2,480	54,668
1902.....	1,957	1,121	.....	688	990	10,428	3,842	2,082	21,108
1903.....	1,578	1,581	.....	5,838	912	10,959	10,164	4,131	35,163
1904.....	1,391	1,124	569	457	2,677	3,912	3,661	2,092	15,883
1905.....	2,049	1,494	.....	1,867	6,056	13,548	1,814	4,705	31,533
1906.....	2,078	628	.....	261	4,203	15,119	2,307	.....	24,596
Totals.....	11,707	7,748	669	13,738	23,388	86,173	44,612	17,034	205,069

### New Brick Sidewalks. (Not including "323" and "393" Streets.)

#### First Laying. Square Yards.

YEAR.	South Boston.	East Boston.	Charlestown.	Brighton.	West Roxbury.	Dorchester.	Roxbury.	City Proper.	Totals.
1900.....	1,069	1,476	477	873	1,583	4,033	4,999	2,858	17,368
1901.....	4,617	1,142	323	100	3,825	5,613	4,920	549	21,089
1902.....	1,319	1,425	.....	288	342	2,537	1,668	190	7,769
1903.....	1,161	635	.....	.....	182	700	2,342	186	5,206
1904.....	1,529	817	429	940	432	1,915	2,136	923	9,121
1905.....	1,186	1,980	.....	202	103	4,140	790	400	8,801
1906.....	934	699	.....	106	278	1,758	899	.....	4,674
Totals.....	11,815	8,174	1,229	2,509	6,745	20,696	17,754	5,106	74,028

The amount of new edgestones set and new brick sidewalks paved during the past year, not including “323” and “393” streets, is as follows:

	Edgestones. <i>Linear Feet.</i>	Brick. <i>Square Yards.</i>
South Boston Paving District, No. 1.....	2,078	934
East Boston Paving District, No. 2.....	628	699
Brighton Paving District, No. 4.....	261	106
West Roxbury Paving District, Nos. 5 and 11.	4,203	278
Dorchester Paving District, Nos. 6 and 12....	15,119	1,758
Roxbury Paving District, No. 7.....	2 307	899
Total.....	24,596	4,674

### Crushed Stone, Ballast and Telford.

*Output of Stone from City Crushers.*

	Crushed Stone. <i>Tons.</i>	Telford. <i>Tons.</i>
Bleiler Crusher.....	1,950	—
Centre-street Crusher.....	13,765	—
Chestnut Hill-avenue Crusher.....	3,012	—
Codman-street Crusher.....	1,043	—
Columbia-road Crusher.....	31,981	—
Dimock-street Crusher.....	4,376	—
Rosseter-street Crusher.....	2,062	—
Grove-street Crusher.....	5,384	—
Total.....	63,564	—

## STREET OPENINGS.

Permits have been issued from this office for making openings in the public streets during the year ending January 31, 1907, as follows:

	Permits.	Feet.
American Telegraph and Telephone Company....	8	60
Auxiliary Fire Alarm Company.....	6	725
Boston Fire Department.....	35	1,875
Boston Lamp Department.....	221	4,978
Boston Police Department.....	46	2,958
Boston Water Department.....	2,907	79,081
Boston Sewer Department.....	291	10,789
Boston & Albany Railroad Company.....	2	650
Boston & Maine Railroad Company.....	4	90
Boston Elevated Railway Company.....	311	142,012
Boston Consolidated Gas Company.....	2,156	102,773
Boston Low Tension Wire Association.....	12	900
Boston Transit Commission.....	14	1,665
Boston, Revere Beach & Lynn Railroad.....	3	170
Boston Pneumatic Transit Company.....	16	235
Barber Asphalt Paving Company.....	16	6,405
Brookline, Town of.....	3	27
Charlestown Gas and Electric Company.....	113	9,103
Edison Electric Illuminating Company.....	1,411	75,440
East Boston Gas Company.....	299	20,076
Eastern Cold Storage Company.....	5	258
Lynn & Boston Railroad Company.....	8	911
Massachusetts Telephone and Telegraph Company,	3	140
Metropolitan Water and Sewer Commission.....	14	464
New England Telephone and Telegraph Company,		
of Massachusetts.....	559	65,658
National Dock and Storage Company.....	4	1,325
New York, New Haven & Hartford Railroad		
Company.....	4	67
Old Colony Street Railway Company.....	2	35
Postal Telegraph and Cable Company.....	12	569
Quincy Market Cold Storage Company.....	27	485
Simpson Brothers Corporation.....	92	14,947
Standard Oil Company.....	3	10
Union Freight Railway Company.....	4	110
Warren Brothers Company.....	70	8,855
Western Union Telegraph Company.....	19	488
Miscellaneous.....	2,728	497,020
Emergency Permits, Class A.....	1,064	
Emergency Permits returned as used 807, esti-		
mated length.....		3,000
Totals.....	12,492	1,054,354

Making a total length of openings of about 200 miles.

Permits other than for street openings have been granted as follows :

	Permits.
Advertising by man wearing hat and coat . . . . .	1
Cleaning snow from roofs . . . . .	146
Dumping snow in public alleys . . . . .	86
Driving cattle . . . . .	75
Erecting and repairing awnings . . . . .	3,722
Erecting and repairing buildings . . . . .	7,843
Emergency permits, class B . . . . .	638
Feeding horses in the streets . . . . .	1,121
Loading and unloading goods . . . . .	237
Moving buildings . . . . .	15
Pedlers, class 1 and 2 . . . . .	748
Painting signs and notices on obstruction fences . . . . .	4
Placing signs flat on buildings . . . . .	2,742
Projecting signs and lamps . . . . .	129
Raising and lowering safes, machinery, etc. . . . .	570
Selling fruit, etc., from stands . . . . .	795
Selling goods from areas . . . . .	25
Selling goods from doors and windows . . . . .	94
Special holiday permits for June 17, July 4, and other holidays . . . . .	419
Special permits for other business purposes . . . . .	167
Extension of permits already issued . . . . .	754
	<hr/>
	20,332
	<hr/>
Total number of permits issued for street openings,	12,492
Total number of permits issued for other purposes,	20,332
	<hr/>
Grand total of permits issued . . . . .	32,824
	<hr/>

## BONDS FOR PERMITS.

All bonds (excepting those of corporations) are guaranteed by some one of the surety companies authorized to do business in the State of Massachusetts.

There are now on file and in force 1,332 such bonds, and 74 corporation bonds.

## NOTICES.

There have been 16,211 notices sent to the various foremen of the department during the year directing them to repair defects in the public streets which had been reported by the police, inspectors and others; also 2,312 notices to departments, corporations and private parties to repair the streets where there had been permits issued for excavations and the work of resurfacing had been improperly done, and to owners of estates where coal holes or sidewalk lights were defective.

Notices have been sent to departments, corporations and owners of abutting estates where street improvements were about to be made, including 232 notices sent to departments and corporations by the Chief Engineer of the department.

#### INSPECTORS.

With the exception of those located at the office for emergency work the inspectors are connected with the different district yards. These inspectors report by mail daily, and on their complaint of defects, notices are sent to the parties responsible, directing that repairs be made. It then becomes the duty of the inspector to see that the necessary repairs are made.

There are other inspectors detailed to serve with the various corporations excavating in the streets. These men are paid by the corporations to which they are assigned, and they make a daily and weekly report to this department.

It is the duty of one of the inspectors to see that artificial stone sidewalks are constructed in accordance with the specifications of the Street Department.

#### EMERGENCY PERMITS.

The system of emergency permits now in use is quite satisfactory. During the year we have had more precise knowledge of emergency openings than ever before.

#### COAL VAULTS OR AREAS.

There have been 21 permits issued for constructing coal vaults or areas beneath sidewalks, in accordance with orders of the Board of Aldermen.

#### ELECTRIC POLES.

There have been 118 permits issued during the year for the placing of new poles on orders passed by the Board of Aldermen and approved by the Wire Commissioner.

Permits have been issued for the resetting of 812 old poles which had become dangerous or were out of line.

Permits have been issued for the removal of 146 unused poles on order of the Board of Aldermen and Wire Commissioner.

All permits for new poles have been given in accordance with approved plans which are kept on file at this office.



## PLANS.

Plans of electric pole locations, electric conduits, gas mains, railway tracks, and a great number of miscellaneous plans such as areas, etc., are kept on file; they accumulate so rapidly that it is becoming a problem to provide for them as the years go by.

## STREET NUMBERING.

Streets have been numbered and renumbered in the various districts as follows:

DISTRICT.	Whole Street Numbered.	Parts of Street Numbered.	Estates Numbered.	Numbers Changed.	Figures Supplied.
East Boston.....	.....	3	79	16	185
Charlestown.....	.....	1	19	2	44
City Proper.....	.....	22	173	8	430
South Boston.....	.....	8	113	.....	218
Dorchester .....	.....	39	629	89	1,877
Roxbury .....	3	15	309	133	854
West Roxbury.....	1	11	216	19	733
Brighton.....	.....	5	96	5	215
Totals .....	4	104	1,634	272	4,556

## LIST OF STREETS PAVED WITH TRINIDAD ASPHALT, JANUARY 31, 1907.

*City Proper.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Albany street.....	Eighty feet north of Broadway, across Way street.....	165	397	1899	
Albany street.....	East Concord street to 255 feet north of Massachusetts avenue.....	446	2,676	1884	
Andrews street.....	East Dedham street to East Canton street.....	216	312	1899	Oct. 22, 1909.
Arch street.....	Franklin street to Milk street.....	426	1,267	1893	
Arlington street.....	Boylston street to Beacon street.....	1,324	7,355	1901	June 16, 1911.
Ash street.....	Bennet street to Nassau street.....	232	452	1905	Oct. 15, 1905.
Avon street.....	Washington street to Chauncy street.....	428	1,001	1901	Oct. 29, 1911.
Barton court.....	Barton street to Brighton street.....	134	182	1904	Sept. 7, 1914.
Batterymarch street.....	Milk street to Liberty square.....	150	466	1896	
Beacon street.....	Charles street across Arlington street.....	866	3,774	1891	
Beacon street.....	Charles street across Arlington street, southerly roadway.....	.....	2,171	1901	June 29, 1911.
Beacon street.....	Easterly side of Dartmouth street to within 150 feet of the westerly line of Gloucester street.....	1,738	9,219	1892	
Beacon street.....	150 feet east of the westerly line of Gloucester street to 78 feet beyond the westerly line of Gloucester street.....	228	1,236	1898	
Beacon street.....	78 feet west of Gloucester street to Massachusetts avenue.....	1,022	5,407	1893	
Bennet street.....	Ash street to Harrison avenue.....	248	469	1905	Aug. 18, 1915.
Berkeley street.....	Boylston street to St. James street.....	273	678	1902	Aug. 14, 1912.
Berkeley street.....	Easterly roadway, Boylston street to Providence street.....	.....	329	1906	Dec. 31, 1916.

Berwick Park.....	At Columbus avenue (crosswalk).....	9	34	1906	Jan. 8, 1917.
Bond street.....	Hanson street to Milford street.....	192	436	1895	
Bosworth street.....	At Tremont street.....	13	28	1900	Dec. 2, 1910.
Boylston street.....	Tremont street across Boylston place.....	357	1,365	1901	Oct. 9, 1911.
Boylston street.....	Charles street to Arlington street.....	868	4,792	1901	Oct. 9, 1911.
Boylston street.....	Easterly side of Berkeley street across Clarendon street.....	656	2,572	1897	
Boylston street.....	Clarendon street across Dartmouth street.....	649	2,332	1901	Oct. 23, 1911.
Brattle square.....	Brattle street to Elm street.....	281	670	1888	
Brighton street.....	Leverett street to Allen street.....	845	1,737	1892	
Brimmer street.....	Beacon street to the centre of Byron street.....	116	322	1895	
Brimmer street.....	Centre of Byron street to Chesnut street.....	180	536	1906	Nov. 10, 1916.
Brimmer street.....	Chesnut street to Pinckney street.....	791	2,442	1895	
Broadway.....	Albany street to 105 feet west of Albany street.....	105	467	1899	
Bromfield street.....	At Tremont street.....	12	31	1900	Dec. 2, 1910.
Castle street.....	Castle square, easterly.....	.....	427	1899	
Cazenove street.....	Columbus avenue to 45 feet south of Columbus avenue.....	45	100	1899	
Camden street.....	Easterly side of Columbus avenue (crosswalk).....	9	34	1906-07	Jan. 4, 1917.
Camden street.....	Westerly side of Columbus avenue (crosswalk).....	9	34	1906-07	Jan. 4, 1917.
Central street.....	Broad street to Kilby street.....	313	869	1887	
Chambers street.....	Green street across Poplar street.....	460	1,022	1902	Oct. 25, 1912.
Chambers street.....	Brighton street across Auburn street.....	162	337	1895	
Chambers street.....	Auburn street to Charles street (cob).....	120	267	1895	

List of Streets Paved with Trinidad Asphalt. — *Continued.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Chandler street.....	At Castle square.....	.....	51	1899	
Charles street.....	Southerly side of Fruit street, across Allen street.....	706	1,804	1899	Oct. 31, 1909.
Charter street.....	Hanover street across Unity street (cob).....	318	636	1894	
Cherry street.....	Washington street to Shawmut avenue.....	9	34	1906-07	Jan. 8, 1917.
Claremont park.....	At Columbus avenue (crosswalk).....	334	594	1892	
Clark street.....	Hanover street to North street (cob).....	319	614	1892	
Columbus avenue.....	134 feet south of Ferdinand street to Boston & Albany R.R. bridge..	912	3,570	1904	Nov. 25, 1914.
Columbus avenue.....	Boston & Albany R.R. bridge to northerly side of Camden street...	4,083	15,776	1906-07	Jan. 8, 1917.
Columbus avenue.....	Northerly side of Camden street to 301 feet south of Camden street,	335	1,340	1906-07	Jan. 4, 1917.
Concord square.....	At Columbus avenue (crosswalk).....	9	41	1906-07	Jan. 8, 1917.
Congress square.....	From Congress square to Congress street.....	209	400	1900	
Cooper street.....	North Margin street, across Endicott street... ..	194	597	1887	
Cooper street.....	Endicott street to Washington street, north.....	205	604	1897	
Corning street.....	Washington street to Shawmut avenue.....	338	734	1896	
Court street.....	Washington street to northerly side of Old Court House.....	305	850	1904	July 6, 1914.
Court square.....	From Court street to 20 feet south on the easterly side.....	20	50	1904	July 6, 1914.
Court square.....	From 20 feet south of Court street on the easterly and southerly sides to the westerly side.....	348	1,050	1894	
Court square.....	From Court st. 291 feet on the westerly side of the Old Court House,	291	703	1904	Sept. 26, 1914.
Dartmouth street.....	Buckingham street to 127 feet south of Stuart street.....	127	580	1899	

Dartmouth street.....	Huntington avenue to Boylston street.....	294	1,800	1901	Oct. 23, 1911.
Dartmouth street.....	Boylston street to Newbury street.....	266	1,644	1894	
Dartmouth street.....	Boylston street to Newbury street (car tracks removed) .....	...	414	1903	June 26, 1913.
Davis street.....	Washington street to Harrison avenue.....	323	646	1892	
Devonshire street.....	Milk street to Water street.....	262	786	1899	Oct. 1, 1909.
Devonshire street.....	Milk street to Franklin street.....	417	1,404	1905	Oct. 19, 1915.
Dillon street.....	Lenox street to Sawyer street.....	218	315	1902	Nov. 28, 1912.
Doane street .....	Kilby street to Broad street.....	312	624	1881	
Edinboro street.....	Essex street to Beach street.....	470	924	1895	
Endicott street.....	Cooper street across Thatcher street.....	318	1,078	1899	Oct. 26, 1909.
Exchange place.....	Congress street to Kilby street.....	245	708	1903	Dec. 4, 1913.
Ferdinand street.....	At Castle square.....	37	107	1899	
Greenwich park.....	At Columbus avenue (crosswalk) .....	9	34	1906-07	Jan. 8, 1917.
Groton street.....	Washington street to Shawmut avenue (block paving).....	335	558	1892	
Hanover avenue.....	Hanover street to North street (cob).....	307	266	1892	
Harris street .....	Hanover street to North street.....	300	373	1904	Oct. 22, 1914.
Harrison avenue.....	22 feet south of Kneeland street to 22 feet north of Harvard street, .....	249	885	1899	Nov. 16, 1909.
Harrison avenue.....	Asylum street across Davis street.....	158	300	1901	Aug. 24, 1911.
Harrison avenue.....	Northerly side of Decatur street across Gloucester place.....	143	270	1905	Sept. 13, 1915.
Harrison avenue.....	Easterly side Union Park street to Malden street .....	248	634	1903	April 2, 1913.
Harrison avenue.....	East Newton street to East Springfield street.....	922	2,664	1888-95	
Harrison avenue.....	East Springfield street to 90 feet southerly .....	.....	140	1888	

List of Streets Paved with Trinidad Asphalt. — *Continued.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Hawes street.....	Congress street to Kilby street.....	258	254	1904	Nov. 6, 1914.
Hayward place.....	9 feet east of Washington street to 85 feet east of Washington street..	76	172	1906	Sept. 1, 1916.
Hayward place.....	85 feet east of Washington street to Harrison avenue.....	175	395	1905	Aug. 21, 1915.
Hollis street.....	Tremont street toward Washington street (block base).....	261	493	1891	
Holyoke street.....	At Columbus avenue (crosswalk).....	9	34	1906-07	Jan. 8, 1917.
Hudson street.....	Beach street to 90 feet north of Curve street, minus Kneeland street and Harvard street intersections.....	1,407	3,938	1891	
Huntington avenue.....	Boylston street across Dartmouth street....	624	5,527	1901	Oct. 23, 1911.
Kilby street.....	Milk street to Central street.....	400	2,882	1898	
Kilby street.....	Liberty square.....	.....	505	1881	
Kilby street.....	Central street to State street.....	240	672	1904	May 21, 1914.
Laeonia street.....	Washington street to Harrison avenue.....	330	727	1896	
La Grange street.....	Tremont street toward Washington street.....	181	355	1897	
Lincoln place.....	Worcester street to West Springfield street.....	217	313	1897	
Lynn street.....	Cooper street to Thatcher street.....	294	457	1906	Aug. 21, 1916.
Malcolm street.....	Mt. Vernon street to Chestnut street (col).....	209	157	1892	
Malden street.....	Washington street to Harrison avenue.....	531	1,534	1902	Dec. 8, 1912.
Mason street.....	Avery street to Tremont street.....	85	206	1900	Nov. 10, 1910.
Massachusetts avenue....	Columbus avenue to Tremont street, southerly roadway.....	534	1,621	1892	
Massachusetts avenue.....	Tremont street to Shawmut avenue, southerly roadway.....	940	2,934	1892	

Massachusetts avenue.....	Shawmut avenue to Washington street, southerly roadway.....	360	1,040	1893	
Moon street.....	North square to Lewis street (cob).....	166	306	1891	
Norman street.....	Green street to South Margin street.....	398	712	1905	Aug. 10, 1915.
North Bennet street.....	Hanover street to Salem street.....	557	928	1904	Oct. 1, 1914.
Northampton street.....	Washington street to Shawmut avenue.....	370	648	1905	Oct. 9, 1915.
Northampton street.....	At Columbus avenue (crosswalk).....	9	34	1906-07	Jan. 8, 1917.
North Margin street.....	Stillman street to Thatcher street.....	519	1,154	1895	
Oxford street.....	Beach street to Essex street (macadam).....	430	735	1895	
Parkman street.....	North Anderson street, across Blossom street.....	241	550	1898	
Parmenter street.....	Hanover street to Salem street.....	279	764	1902	Sept. 11, 1912.
Parnell street.....	Lenox street to Sawyer street.....	264	367	1902	Nov. 28, 1912.
Pinckney street.....	Charles street across Brimmer street.....	271	723	1895	
Pine street.....	Washington street to Harrison avenue.....	419	597	1896	
Pleasant street.....	Bridge over Boston Elevated Railway.....	55	128	1906	
Poplar street.....	Chambers street to Charles street (cob).....	1,188	2,442	1887-92	
Public alley No. 301.....	Pinckney street to River street.....	270	400	1897	
Public alley No. 401.....	Between Huntington avenue and St. Botolph street, from Irving- ton street to Garrison street.....	350	362	1899	Oct. 2, 1909.
Public alley No. 402.....	Between Huntington avenue and St. Botolph street, from Garrison street to West Newton street.....	358	374	1899	Sept. 30, 1909.
Public alley No. 403.....	Between Huntington avenue and St. Botolph street, from West Newton street to Cumberland street.....	355	370	1899	Sept. 29, 1909.
Public alley No. 414.....	Between Beacon street and Marlborough street, from 53 feet east of Massachusetts avenue to Hereford street.....	614	574	1901	Oct. 24, 1911.

List of Streets Paved with Trinidad Asphalt. — *Continued.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Public alley No. 415.....	Between Beacon street and Marlborough street, from Hereford street to Gloucester street.....	308	382	1901	Oct. 12, 1911.
Public alley No. 416.....	Between Beacon street and Marlborough street, from Gloucester street to Fairfield street.....	524	494	1901	Nov. 14, 1911.
Public alley No. 417.....	Between Beacon street and Marlborough street, from Fairfield street to Exeter street.....	624	583	1901	Nov. 29, 1911.
Public alley No. 419.....	Between Beacon street and Marlborough street, from Dartmouth street to Clarendon street.....	575	511	1899	Sept. 28, 1909.
Public alley No. 420.....	Between Beacon street and Marlborough street, from Clarendon street to Berkeley street.....	580	515	1897	
Public alley No. 422.....	Between Commonwealth avenue and Marlborough street, from Arlington street to Berkeley street.....	631	589	1902	Sept. 18, 1912.
Public alley No. 423.....	Between Commonwealth avenue and Marlborough street, from Berkeley street to Clarendon street.....	580	544	1902	Aug. 26, 1912.
Public alley No. 424.....	Between Commonwealth avenue and Marlborough street, from Clarendon to Dartmouth street.....	575	539	1902	April 22, 1912.
Public alley No. 426.....	Between Commonwealth avenue and Marlborough street, from Exeter street to Fairfield street.....	624	595	1901	Oct. 16, 1911.
Public alley No. 428.....	Between Commonwealth avenue and Marlborough street, from Gloucester street to 205 feet east of Hereford street.....	190	193	1901	Oct. 23, 1911.
Public alley No. 431.....	Between Commonwealth avenue and Newbury street, from 205 feet east of Hereford street to 83 feet west of Gloucester st....	107	95	1899	Sept. 25, 1909.
Public Alley No. 437.....	Between Commonwealth avenue and Newbury street, from Berkeley street to Arlington street.....	631	561	1898	Dec. 10, 1908.
Public Alley No. 701.....	Between Union Park street and Upton street, from 130 feet east of Tremont street to Shawmut avenue.....	521	611	1899	Nov. 8, 1909.



Rutland square.....	At Columbus avenue (crosswalk).....	9	56	1906-07	Jan. 8, 1917.
St. James avenue.....	At Huntington avenue.....	123	600	1901	Oct. 23, 1911.
Salutation street.....	Hanover street to Commercial street.....	355	268	1905	Sept. 5, 1915.
South Margin street.....	Staniford street across Norman street.....	132	390	1905	Aug. 12, 1915.
Spring street.....	Poplar street to Leverett street (cob).....	447	908	1895	
Stevens street.....	Lincoln place toward Shawmut avenue.....	16	22	1897	
Stillman street.....	Endicott street across North Margin street (cob).....	170	453	1892	
Stoddard street.....	Howard street to Court street (cob).....	135	150	1892	
Sun-court street.....	North street to Moon street (cob).....	151	218	1891	
Temple place.....	Washington street to 35 feet westerly.....	95	318	1906	Oct. 1, 1910.
4 Temple place.....	95 feet west of Washington street to Tremont street.....	408	1,303	1900	Oct. 1, 1910.
Thatcher street.....	Washington street north to Endicott street.....	203	562	1892	
Trileston street.....	Hanover street across Unity street.....	412	525	1905	Nov. 23, 1915.
Trileston street.....	Unity street to Salem street.....	163	124	1895	
Tremont street.....	Scollay square to 23 feet north of Beacon street.....	460	1,586	1900	Dec. 2, 1910.
Tremont street.....	21 feet south of Beacon street to Boylston street.....	2,317	8,784	1900	Dec. 2, 1910.
Tremont street.....	At Castle square.....	67	886	1899	
Trinity place.....	St. James avenue across Stuart street.....	391	1,130	1899	Sept. 18, 1909.
Trinity place.....	Stuart street across Stanhope street.....	202	757	1900	Dec. 1, 1910.
Union Park street.....	Washington street to Harrison avenue.....	475	1,063	1902	Aug. 2, 1912.
Unity street.....	Charter street to Trileston street.....	330	500	1897	
Warrenton street.....	Elliot street to 380 feet south of Elliot street.....	380	1,055	1891	

List of Streets Paved with Trinidad Asphalt. — *Continued.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Warrenton street.....	380 feet south of Elliot street to Tremont street (cob).....	290	730	1884	
Warrenton street.....	Shawmut avenue to Washington street (cob).....	468	910	1891	
Water street.....	Congress street to Kilby street.....	256	711	1902	Sept. 16, 1912.
Water street.....	Liberty square to Broad street.....	252	682	1896	
Wellington street.....	At Columbus avenue (crosswalk).....	9	34	1906-07	Jan. 8, 1917.
West street.....	At Tremont street (crosswalk).....	25	64	1900	Dec. 2, 1910.
West Canton street.....	At Columbus avenue (crosswalk).....	9	34	1906-07	Jan. 8, 1917.
West Rutland square.....	At Columbus avenue (crosswalk).....	9	34	1906-07	Jan. 8, 1917.
West Springfield street.....	At Columbus avenue (crosswalk).....	9	34	1906-07	Jan. 8, 1917.
Wiget street.....	Salem street to North Margin street.....	250	240	1897	
Wiggin street.....	Tileston street to North Bennet street.....	108	120	1905	Nov. 23, 1915.
Winter street.....	At Tremont street (crosswalk).....	17	38	1900	Dec. 2, 1910.
Worcester street.....	At Columbus avenue (crosswalk).....	9	34	1906-07	Jan. 8, 1917.
Yarmouth street... ..	At Columbus avenue (crosswalk).....	9	34	1906-07	Jan. 8, 1917.
<i>East Boston.</i>					
Bennington street.....	Bridge over Boston & Albany Railroad.....	60	507	1906	July 15, 1916.
Curtis street.....	Bridge over Boston & Albany Railroad.....	41	139	1906	Nov. 21, 1916.
Maverick street... ..	Bridge over Boston & Albany Railroad.....	38	131	1906-07	Jan. 23, 1917.

*Charlestown.*

Austin street .....	Seminary place to Lawrence street .....	156	451	1891
Bunker Hill street .....	At Tufts street .....	.....	150	1897
<sup>2</sup> Charlestown bridge .....	Over Fitchburg railroad .....	58	516	1899
Corey street .....	124 feet north of Moulton street to Moulton street .....	124	276	1897
Joiner street .....	Park street to Chelsea street .....	175	447	1906
Moulton street .....	Easterly side of Corey street to Vine street .....	81	243	1897
Moulton street .....	Vine street to Bunker Hill street .....	130	390	1897
Tufts street .....	Bunker Hill street 141 feet northerly .....	141	415	1897
Vine street .....	Bunker Hill street, across Moulton street .....	165	670	1897

Sept. 23, 1916.

*South Boston.*

Bolton street ....	C street to D street .....	517	747	1905
D street. ....	West Fifth street to Gold street .....	126	448	1889
Dorchester street .....	Easterly side of Vinton street, in front of Methodist Church .....	.....	190	1904
E street. ....	West Third street to Bolton street .....	111	410	1892
E street .....	West Seventh street to West Eighth street .....	325	542	1904
Rogers street .....	Dorchester street to Preble street (col.) .....	360	480	1891
West Sixth street. ....	C street to D street .....	516	1,490	1905
West Third street .....	150 feet west of E street, across E street .....	185	769	1892

Oct. 12, 1915.

Oct. 18, 1914.

Oct. 24, 1914.

Oct. 14, 1915.

List of Streets Paved with Trinidad Asphalt. — *Concluded.**Roxbury.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Boylston street.....	St. Cecilia street to Massachusetts avenue.....	226	790	1904	Aug. 26, 1914.
<sup>3</sup> Burke street.....	At Columbus avenue (crosswalk).....	26	46	1906-07	Jan. 4, 1917.
Cabot street.....	Tremont street to Ruggles street.....	1,236	3,571	1891	
Cabot street.....	Easterly side of Ruggles street to Vernon street.....	723	2,988	1892	
Cabot street.....	Easterly side of Vernon street to Linden park.....	484	1,390	1897	
<sup>3</sup> Columbus avenue.....	301 feet south of Camden street, to 67 feet north of Station street..	3,511	14,239	1906-07	Jan. 4, 1917.
<sup>3</sup> Cunard street.....	At Columbus avenue (crosswalk).....	16	60	1906-07	Jan. 4, 1917.
<sup>3</sup> Davenport street.....	At Columbus avenue (crosswalk).....	26	66	1906-07	Jan. 4, 1917.
Eustis street.....	138 feet east of Winslow street, to 163 feet west of Albany street...	130	241	1906	July 31, 1916.
Palmer street.....	121 feet east of Winslow street to 231 feet west of Albany street....	134	297	1906	July 11, 1916.
<sup>2</sup> Public alley No. 404.....	Between Huntington avenue and St. Botolph street, from 66 feet south of Cumberland street to Public alley No. 405.....	534	533	1899	Oct. 5, 1909.
<sup>2</sup> Public alley No. 405.....	Rear of northeast side of Massachusetts avenue, from 62 feet west of St. Botolph street to 94 feet east of Huntington avenue.....	100	89	1899	Oct. 5, 1909.
Public alley No. 428.....	Between Commonwealth avenue and Marlborough street, from 205 feet east of Hereford street to Hereford street.....	205	186	1901	Oct. 23, 1911.
Public alley No. 429.....	Between Commonwealth avenue and Marlborough street, from 55 feet west of Hereford street to 77 feet east of Massachusetts ave,	533	502	1901	Nov. 13, 1911.
<sup>2</sup> Public alley No. 431.....	205 feet east of Hereford street to Hereford street.....	205	182	1899	Sept. 25, 1909.
<sup>3</sup> Riverside street.....	At Columbus avenue (crosswalk).....	9	21	1906-07	Jan. 4, 1917.

Roxbury street.....	Easterly side of Guild row to Washington street.....	170	895	1904	Aug. 12, 1914.
<sup>2</sup> Sarsfield street.....	At Columbus avenue (crosswalk), east and west sides.....	18	40	1906-07	Jan. 4, 1917.
<sup>3</sup> Walpole street.....	At Columbus avenue, easterly side (crosswalk).....	9	23	1906-07	Jan. 4, 1917.
<sup>3</sup> Walpole street.....	At Columbus avenue, westerly side (crosswalk).....	9	23	1906-07	Jan. 4, 1917.
Washington street.....	22 feet north of Marvin street, across Zeigler street.....	.....	210	1904	Aug. 12, 1914.
<sup>3</sup> Weston street.....	At Columbus avenue (crosswalk).....	9	20	1906-07	Jan. 4, 1917.

NOTE. — Trinidad asphalt marked thus: <sup>1</sup> guaranteed by E. R. Taylor Company; <sup>2</sup> Simpson Brothers; <sup>3</sup> Hernandez Asphalt, Boston Asphalt Company; <sup>4</sup> United States Paving Company. Other guarantees are by the Barber Asphalt Company. Unless otherwise marked all asphalt is on a cement concrete base.

### Trinidad Asphalt. Summary.

DISTRICT.	UNDER GUARANTEE.		NOT UNDER GUARANTEE.		DISTRICT TOTALS.	
	Length.	Area.	Length.	Area.	Length.	Area.
	<i>Feet.</i>	<i>Sq. Yds.</i>	<i>Feet.</i>	<i>Sq. Yds.</i>	<i>Feet.</i>	<i>Sq. Yds.</i>
City Proper.....	32,677	94,504	26,265	78,466	58,942	172,970
East Boston.....	139	777	.....	.....	139	777
Charlestown.....	175	447	855	3,111	1,030	3,558
South Boston.....	1,358	2,939	782	2,107	2,140	5,076
Roxbury.....	5,870	18,483	2,443	7,949	8,313	26,432
Totals .....	40,219	117,180	30,345	91,633	70,564	208,813

## LIST OF STREETS PAVED WITH SICILIAN ROCK ASPHALT, JANUARY 31, 1907.

*City Proper.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Acton street .....	Washington street to Bradford street.....	259	352	1896	
Arch street .....	Summer street to Franklin street .....	403	1,522	1901	Oct. 12, 1911.
Ash street .....	Oak street, across Nassau street (cob) .....	220	391	1895	
Avery street .....	79 feet west of Haymarket place to Mason street.....	68	60	1897	
Barton street .....	Leverett street to Milton street .....	403	683	1895	
Beacon street .....	Arlington street to Dartmouth street .....	1,862	9,965	1901	June 14, 1911.
Boylston street .....	Easterly side of Arlington street to Berkeley street.....	681	2,600	1900	Nov. 23, 1910.
Bradford street .....	Waltham street to Shawmut avenue .....	600	1,270	1897	
Cobb street.....	Washington street to Shawmut avenue.....	347	1,041	1897	
Decatur street .....	Washington street to Harrison avenue .....	370	781	1892	
Dwight street.....	Shawmut avenue to Tremont street .....	716	2,075	1893	
East Concord street.....	From Albany street 12 feet westerly .....	12	45	1897	
Essex place.....	Tuftis street to Essex street .....	202	348	1901	Oct. 3, 1911.
Exeter place .....	Chauncy street to Harrison avenue.....	170	387	1897	
Fabin street. ....	Newland street to Ivanhoe street .....	421	615	1895	
Fay street.....	Dover street to Harrison avenue (cob) .....	318	560	1894	
Hamburg street.....	Mystic street to Harrison avenue .....	383	597	1896	
Hanover street .....	Tileston street, across Charter street.....	315	934	1896	

Harrison avenue.....	427	1,090	1903	May 29, 1913.
Huntington avenue.....	1,591	8,840	1896	
India street.....	565	2,135	1901	Nov. 9, 1911.
Kingston street.....	492	1,859	1899	Aug. 9, 1909.
Marlborough street.....	1,251	5,004	1901	Aug. 8, 1911.
Mason street.....	213	473	1901	Aug. 15, 1911.
Mason street.....	231	470	1894	
Massachusetts avenue.....	688	2,030	1894	
Massachusetts avenue.....	636	1,908	1894	
Massachusetts avenue.....	326	1,557	1901	Nov. 20, 1911.
Mayo street.....	251	418	1897	
Meander street..	307	437	1896	
Morton street.....	325	253	1901	Dec. 16, 1911.
Motte street.....	332	516	1899	
Mystic street.....	204	226	1896	
Mystic street.....	215	335	1896	
Mystic street.....	216	337	1896	
Newland street.....	336	486	1902	Oct. 15, 1912.
North Margin street.....	205	518	1897	
Norwich street.....	221	339	1896	
Ohio street.....	343	277	1896	
Otter street.....	168	523	1901	Sept. 19, 1911.
Northampton street to Lenox street.....				
Boston & Albany Railroad to Cumberland street.....				
Milk street to India street (formerly India square).....				
Beach street to Essex street.....				
Arlington street to Clarendon street.....				
West street to 213 feet south of West street.....				
From 213 feet south of West street to 444 feet south of West street (block).....				
Washington street to Harrison avenue, southerly roadway.....				
Harrison avenue to Albany street, southerly roadway.....				
27 feet south of Marlborough street to Beacon street.....				
Castle street to Cobb street.....				
East Dedham street to Malden street.....				
Salem street to Endicott street.....				
Washington street to Harrison avenue.....				
Malden street to East Dedham street.....				
East Dedham street to East Canton street.....				
East Canton street to East Brookline street.....				
West Brookline street to West Newton street.....				
Thacher street toward Endicott street.....				
Mystic street to Meander street.....				
Washington street to Shawmut avenue.....				
Beacon street to Alley along Charles river.....				

List of Streets Paved with Sicilian Rock Asphalt. — *Continued.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Pemberton square .....	Front of Suffolk County Court House.....	323	1,365	1894	
Prince street.....	Hanover street to 233 feet west of Hanover street.....	293	654	1895	
Prince street.....	233 feet west of Hanover street to Salem street.....	213	497	1900	Dec. 7, 1910.
Public alley No. 12.....	Poplar street to Public alley No. 14.....	77	68	1903	Sept. 22, 1913.
Public alley No. 434.....	Between Commonwealth avenue and Newbury street, from Exeter street to Dartmouth street.....	555	483	1901	Oct. 29, 1911.
Public alley No. 435.....	Between Commonwealth avenue and Newbury street, from Clarendon street to Berkeley street.....	580	544	1901	Oct. 19, 1911.
Public alley No. 438.....	Between Newbury and Boylston streets, from Arlington street to Berkeley street.....	631	589	1901	Oct. 22, 1911.
Public alley No. 440.....	Between Newbury and Boylston streets, from Dartmouth street to Exeter street.....	555	529	1901	Nov. 5, 1911.
Public alley No. 441.....	Between Newbury and Boylston streets, from Exeter street to Fairfield street.....	622	553	1903	May 25, 1913.
Public alley No. 442.....	Between Newbury and Boylston streets, from 59 feet west of Fairfield street to 110 feet east of Gloucester street.....	351	312	1901	Nov. 29, 1911.
Salem street.....	Endicott street, across Prince street.....	1,142	2,235	1901	Nov. 22, 1911.
Shawmut avenue.....	132 feet south of Castle street, across Cherry street.....	327	945	1898	
Stoughton street.....	At Albany street.....	12	45	1897	
Taylor street.....	Dwight street to Milford street.....	196	274	1896	
Tufts street.....	Kingston street to South street.....	485	985	1901	Sept. 13, 1911.
Tyler street.....	Oak street to Harvard street.....	530	1,413	1901	Nov. 1, 1911.
Whitmore street.....	Kneeland street to Harvard street.....	249	445	1895	



*East Boston.*

Meridian street.....	Trenton street to Eutaw street.....	235	600	1900	Dec. 3, 1910.
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*Charlestown.*

Lawrence street.....	East side of Lawrence avenue across Miller street.....	385	1,014	1901	Nov. 18, 1911.
Miller street .....	Main street to Lawrence street.....	203	383	1901	Nov. 18, 1911.
Warren street.....	Windrop street to Soley street.....	128	302	1901	Aug. 27, 1911.

*South Boston.*

Athens street .....	West Second street to A street.....	636	954	1895	
Athens street .....	B street to C street.....	520	751	1892	
Athens street.....	C street to D street.....	519	750	1901	Aug. 16, 1911.
Bowen street.....	C street to D street.....	519	750	1901	Oct. 30, 1911.
Bowen street .....	D street to E street.....	523	755	1901	Oct. 30, 1911.
East Broadway.....	Front of Lincoln School .....	180	1,000	1897	
Gold street.....	B street to C street.....	524	747	1901	Oct. 10, 1911.
Gold street.....	C street to D street.....	521	753	1901	Oct. 10, 1911.
K street.....	East Sixth street to East Eighth street.....	566	1,083	1896	
Silver street.....	B street to C street.....	522	754	1901	Aug. 7, 1911.
Silver street.....	C street to D street.....	520	751	1901	Aug. 7, 1911.
Tudor street.....	E street to D street.....	515	744	1901	Oct. 12, 1911.

List of Streets Paved with Sicilian Rock Asphalt. — *Concluded.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
West Broadway.....	From 196 feet east of easterly line of Dorchester avenue to A street (4-foot gutter).....	360	1,440	1892	
West Broadway.....	New England railroad bridge across Gardner place.....	.....	341	1897	
West Broadway.....	Gardner place to 150 feet easterly.....	150	648	1893	
West Broadway.....	150 feet east of Gardner place to E street (4-foot gutter).....	.....	1,146	1897	
West Broadway.....	150 feet west of F street to 267 feet east of F street.....	448	1,544	1897	
West Broadway.....	267 feet east of F street to 28 feet west of Dorchester street.....	410	1,818	1898	
<i>Roxbury.</i>					
Dudley street.....	Easterly side, between Dunmore street and Magazine street.....	.....	350	1902	Nov. 1, 1912.
Huntington avenue.....	Easterly side of Cumberland street to Massachusetts avenue.....	747	4,150	1896	
Huntington avenue.....	Massachusetts avenue to Gainsborough street.....	587	3,372	1896	
Ipswich street.....	Bridge over waterway.....	61	267	1898	
Massachusetts avenue.....	Huntington avenue to south side of Commonwealth avenue.....	2,336	10,869	1901	Nov. 20, 1911.
Massachusetts avenue.....	North side of Commonwealth avenue to 27 feet south of Marlborough street.....	253	1,195	1901	Nov. 20, 1911.
Public alley No. 901.....	Hemenway to Hemenway street, between Hemenway street and the Fenway.....	573	550	1902	Nov. 6, 1912.

*Brighton.*

Brooks street.....	Bridge (centre roadway) .....	130	1902	May 17, 1912.
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NOTE.—Sicilian rock asphalt marked thus <sup>1</sup> guaranteed by Jones & Meehan. Sicilian rock asphalt having guarantee and not otherwise designated is guaranteed by the Boston Asphalt Company. All Sicilian rock asphalt not otherwise marked is laid on a cement concrete base.

**Sicilian Rock Asphalt.***Summary.*

DISTRICT.	UNDER GUARANTEE.		NOT UNDER GUARANTEE.		DISTRICT TOTALS.	
	Length. <i>Feet.</i>	Area. <i>Sq. Yds.</i>	Length. <i>Feet.</i>	Area. <i>Sq. Yds.</i>	Length. <i>Feet.</i>	Area. <i>Sq. Yds.</i>
City Proper.....	13,167	35,777	11,267	30,416	24,434	66,193
East Boston.....	235	600	.....	.....	235	600
Charlestown.....	716	1,699	.....	.....	716	1,689
South Boston.....	4,163	6,004	3,270	10,725	7,433	16,729
Roxbury.....	3,162	12,964	1,395	7,789	4,557	20,753
Brighton .....	.....	130	.....	.....	.....	130
Totals .....	21,443	57,174	15,932	48,930	37,375	106,104

## LIST OF STREETS PAVED WITH SEYSSSEL ROCK ASPHALT, JANUARY 31, 1907.

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Genesee street.....	Harrison avenue to Albany street.....	505	1,122	1899	Sept. 8, 1909.
Mason street.....	444 feet south of West street to Avery street.....	123	265	1899	
Milton street.....	Brighton street to Spring street.....	308	274	1899	
Oswego street.....	Harrison avenue to Albany street.....	506	1,068	1899	
Paul street.....	Emerald street to Village street.....	133	236	1897	Nov. 11, 1909. Nov. 9, 1909. Nov. 9, 1909.
Paul street.....	Village street to Tremont street.....	276	456	1897-99	
Pelham street.....	Washington street to Shawmut avenue.....	320	693	1897	
Public alley 102.....	23 feet south of Marshall street to Creek square.....	182	184	1899	
Public alley 702.....	Worcester street to West Springfield street.....	222	222	1899	Nov. 9, 1909.
Public alley 703.....	Newland street and Public alley No. 702.....	116	103	1899	
Waterford street.....	Washington street to Shawmut avenue.....	316	544	1897	

NOTE.—Seyssel Rock Asphalt guaranteed by Jones &amp; Meelian. All Seyssel Rock Asphalt is laid on a cement concrete base.

## LIST OF STREETS PAVED WITH OTHER ASPHALTS, JANUARY 31, 1907.

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Ivanhoe street.....	West Dedham street to West Canton street (coal tar).....	216	312	1906	1889
I street.....	East Broadway to East Fourth street (coal tar).....	272	1,027	1889	

Massachusetts avenue .....	Columbus avenue to Tremont street, northerly roadway (asphaltum) .....	1,622	1897
Mt. Vernon street .....	Archway under State House (Lunnen Rock Asphalt) .....	455	1897
K street, South Boston .....	East Fourth street across East Sixth street (American Rock Asphalt) .....	600	1906
		164	
		2,113	Sept. 14, 1916.

## Summary of all Asphalts.

KIND.	UNDER GUARANTEE.		NOT UNDER GUARANTEE.		TOTALS.		
	Length. <i>Feet.</i>	Area. <i>Sq. Yds.</i>	Length. <i>Feet.</i>	Area. <i>Sq. Yds.</i>	Length. <i>Feet.</i>	Area. <i>Sq. Yds.</i>	Length. <i>Miles.</i>
Trinidad .....	40,219	117,160	30,345	91,633	70,564	208,813	1,336
Sicilian rock. ...	21,443	57,174	15,332	43,930	37,375	106,104	708
Seyssel rock .....	828	787	2,179	4,380	3,007	5,167	637
Other asphalt .....	600	2,113	652	3,416	1,252	5,529	624
Totals .....	63,090	177,254	49,108	148,359	112,198	325,613	2,125

## LIST OF STREETS PAVED WITH BITULITHIC, JANUARY 31, 1907.

*City Proper.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Albany street.	Northerly side of Stoughton street across East Concord street (laid on existing concrete base)	309	1,854	1905	Dec. 2, 1915.
Albany street.	225 feet north of Massachusetts avenue to Massachusetts avenue.	225	1,350	1905	Nov. 3, 1915.
Allen street.	Charles street to Chambers street.	1,207	3,556	1905	Sept. 9, 1915.
Ashburton place.	Bowdoin street to Somerset street.	285	682	1904	Aug. 17, 1914.
Belvidere street.	West Newton street to 155 feet west of Falmouth street.	317	1,116	1903	April 25, 1913.
Berkeley street.	Boylston street to Commonwealth avenue.	582	2,587	1903	May 22, 1913.
Berkeley street.	Commonwealth avenue to Marlborough street.	280	1,248	1903	May 22, 1913.
Berkeley street.	Marlborough street to Beacon street.	264	1,173	1903	May 22, 1913.
Berkeley street.	Tremont street to Columbus avenue.	1,195	4,663		
Bowdoin street.	Ashburton place to Cambridge street.	854	2,259	1902	Oct. 23, 1912.
Boylston street.	Dartmouth street to 205 feet east of Hereford street.	1,909	7,152	1904	Nov. 8, 1914.
Clarendon street.	Boylston street to Commonwealth avenue.	582	2,336	1905	Aug. 21, 1915.
Clarendon street.	Commonwealth avenue to Beacon street.	580	2,320	1905	Aug. 21, 1915.
Dartmouth street.	Southerly side of Newbury street to Commonwealth avenue.	321	2,497	1903	July 13, 1913.
Dartmouth street.	Commonwealth avenue to Beacon street.	579	4,503	1903	July 13, 1913.
Emerald street.	Castle street to Dover street.	912	2,639	1904	July 27, 1914.
Florence street.	Washington street to Harrison avenue.	352	704	1906	Sept. 8, 1916.

Garden-court street.....	North square to Fleet street.....	233	377	1906	Oct. 23, 1916.
Hancock street.....	Mt. Vernon street to Myrtle street.....	646	1,702	1902	July 17, 1912.
Hancock street .....	Myrtle street to Cambridge street.....	317	816	1902	Nov. 15, 1912.
Harrison avenue.....	North side of East Springfield street to Northampton street .....	508	1,174	1905	Nov. 24, 1915.
Huntington avenue.....	9 feet west of Dartmouth street to bridge over B. & A. R.R.....	637	3,047	1906	Sept. 15, 1916.
Massachusetts avenue.....	Southerly side of Beacon street to Harvard bridge.....	237	1,080	1902	Nov. 22, 1912.
Massachusetts avenue.....	Columbus avenue to Providence Division N. Y., N. H. & H. R.R.....	469	2,248	1903	Aug. 11, 1913.
McLean street .....	Chambers street to Blossom street.....	518	1,345	1905	July 20, 1915.
Moon street.....	Lewis street to Fleet street.....	107	203	1906	Oct. 13, 1916.
North square.....	North street to Moon street.....	239	1,250	1906	Dec. 24, 1916.
Oneida street.....	Harrison avenue to Albany street .....	508	1,072	1903	Aug. 22, 1913.
Prince street.....	Garden-court street to Hanover street .....	134	223	1906	Oct. 23, 1916.
Tyler street .....	Beach street to Kneeland street .....	320	853	1905	Oct. 23, 1915.
Tyler street .....	Kneeland street to Harvard street.....	332	885	1905	Oct. 23, 1915.
Tyler street.....	Oak street to Curve street.....	441	1,187	1905	Oct. 23, 1915.
West Newton street.....	Columbus avenue to Huntington avenue.....	1,044	3,944	1903	July 3, 1913.
West Newton street .....	Huntington avenue across Belvidere street.....	202	990	1903	April 25, 1913.
West Newton street.....	Tremont street to Columbus avenue.....	790	3,196	1904	Aug. 13, 1914.

*East Boston.*

Maverick street.....	London street to Havre street.....	180	620	1903	June 2, 1913.
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**List of Streets Paved with Bitulithic, January 31, 1907.—Concluded.**  
*South Boston.*

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Roven street.....	E street to F street.....	515	744	1903	May 22, 1913.
Dorchester street.....	Broadway to Eighth street (minus intersection at Fourth street, Fifth street and Eighth street).....	1,324	5,865	1905	Sept. 20, 1915.
G street.....	110 feet north of East Sixth st. to 178 feet north of East Seventh st.	230	828	1905	July 31, 1915.
Silver street.....	A street to B street.....	500	750	1903	June 4, 1913.
Silver street.....	225 feet west of E street to E street.....	225	325	1903	June 2, 1913.
Thomas park.....	Around Telegraph hill.....	2,056	7,042	1905	July 8, 1915.
West Broadway.....	Intersection at Dorchester street.....	87	250	1905	Sept. 20, 1915.
West Fourth street.....	E street to 207 feet west of E street .....	207	759	1903	June 2, 1913.

*Roxbury.*

Belvidere street.....	Massachusetts avenue to 185 feet west of Falmouth street.....	1,021	2,949	1903	April 25, 1913.
Blue Hill avenue.....	Dewey street to north side of Savin street.....	598	1,528	1906	Nov. 6, 1916.
Blue Hill avenue.....	Brunswick street to northerly side of Devon street.....	199	509	1906	Dec. 7, 1916.
Boylston street.....	205 feet east of Hereford street to 185 feet west of Falmouth street,	197	677	1904	Nov. 8, 1914.
Boylston street.....	Massachusetts avenue to westerly line of Hemenway street.....	390	1,414	1905	Sept. 2, 1915.
Dacia street.....	Northerly side of Woodcliff street, across Dove street.....	290	838	1906	Oct. 2, 1916.
Gainsborough street.....	Huntington avenue to Providence division N.Y., N.H. & H. R.R....	550	2,078	1903	July 17, 1913.



Massachusetts avenue.....	561	2,150	1903	Aug. 11, 1913.
Roxbury street.....	557	2,160	1904	Sept. 21, 1914.
St. Alphonsus street.....	524	1,514	1905	Sept. 9, 1915.
Smith street.....	585	1,690	1904	July 9, 1914.
Tremont street.....	587	1,854	1902	Dec. 11, 1912.
Woodcliff street.....	309	893	1906	Oct. 2, 1916.

NOTE. — Bitulithic is guaranteed by Warren Brothers Company.

### Summary of Bitulithic.

DISTRICT.	Length. <i>Feet.</i>	Area. <i>Square Feet.</i>
City Proper.....	18,735	66,131
East Boston.....	180	620
South Boston.....	5,144	16,563
Roxbury.....	6,368	20,254
Totals.....	30,427	103,568

## LIST OF STREETS PAVED WITH WOOD BLOCKS JANUARY 31, 1907.

*City Proper.*

NAME.	Location.	Length.	Area.	Year Laid.	Guarantee Expires
Atlantic avenue.....	811 feet south of Kneeland street to 1,263 feet south of Kneeland street (bridge).....	452	1,996	1906	
Avery street.....	At Washington street (crossing).....	12	8	1906	Nov. 23, 1916.
Avon street.....	At Washington street (crossing).....	9	20	1906	Nov. 23, 1916.
Beacon street.....	Massachusetts avenue to Raleigh street.....	1,527	8,145	1901	Oct. 7, 1911.
Boylston street. . .	Boylston place across Charles street.....	433	1,690	1901	Sept. 26, 1911.
Charles street.....	At Boylston street.....	30	243	1901	Sept. 26, 1911.
Harvard bridge.....	Southerly abutment to centre of draw (plank base).....	978	5,542	1901	Dec. 1, 1911.
Hayward place.....	Washington street to 9 feet easterly (crossing).....	9	20	1906	Nov. 23, 1916.
Newbury street.....	Fairfield street to 295 feet east of Hereford street.....	750	3,000	1901	Nov. 2, 1911.
Public alley No. 412.....	Between Newbury street and Boylston street from Gloucester street to 110 feet east of Gloucester street.....	110	98	1901	Nov. 29, 1911.
Trenmont street.....	23 feet north of Beacon street to 21 feet south of Beacon street.....	65	231	1900	Dec. 2, 1910.
Trenmont street.....	18 feet north of Park street to southerly street line of Temple place (on the westerly side).....	.....	1,064	1900	Dec. 2, 1910.
Washington street.....	Milk street to Beach street.....	2,284	8,682	1906	Nov. 23, 1916.

*Roxbury.*

Newbury street.....	205 feet east of Hereford street.....	1901	Nov. 12, 1911.
2 Newbury street.....	Easterly side of Hereford street to Massachusetts avenue.....	1903	Oct. 7, 1913.

NOTE.—Wooden block pavement not otherwise marked is guaranteed by the United States Wood Preserving Company. Marked thus " is guaranteed by Boston Asphalt Company; thus " is guaranteed by Patrick McGovern. All wooden block pavements are on cement concrete base unless otherwise marked.

**Summary of Wood Block.**

DISTRICT.	Length. <i>Feet.</i>	Area. <i>Square Yards.</i>
City Proper.....	6,659	30,739
Roxbury.....	910	3,640
Totals .....	7,569	34,379

## LIST OF STREETS PAVED WITH HASSAM (CEMENT) PAVEMENT, JANUARY 31, 1907.

NAME.	Location.	Length in Feet.	Area.	Year Laid.	Guarantee Expires
Main street.....	Bridge on Boston & Maine Railroad to Somerville line .....	139	672	1906	Dec. 8, 1911.

## Summary of All Smooth Pavement.

KIND.	Length. Feet.	Length. Miles.	Area. Square Yards.
Asphalt. ....	112,198	21.25	325,613
Bitulithic .....	30,427	5.77	103,568
Cement.....	139	.02	672
Wood blocks .....	7,569	1.43	34,379
Total.....	150,333	28.47	464,932

# A LIST OF STREETS WITH SMOOTH PAVEMENTS HAVING A MAINTENANCE GUARANTEE, JANUARY 31, 1907.

## Trinidad Asphalt. City Proper.

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Andrews street.....	East Dedham street to East Canton street.....	1899	Oct. 22, 1909..	Barber Asphalt Company.
Arlington street.....	Boylston street to Beacon street.....	1901	June 16, 1911..	Barber Asphalt Company.
Ash street.....	Bennet street to Nassau street.....	1905	Oct. 15, 1915..	Barber Asphalt Company.
Avon street.....	Washington street to Chauncy street.....	1901	Oct. 29, 1911..	Barber Asphalt Company.
Barton court.....	Barton street to Brighton street.....	1904	Sept. 7, 1914..	Barber Asphalt Company.
Beacon street.....	Charles street to Arlington street (southerly side).....	1901	June 20, 1911..	Barber Asphalt Company.
Bennet street.....	Ash street to Harrison avenue.....	1905	Aug. 18, 1915..	Barber Asphalt Company.
Berkeley street.....	Boylston street to St. James avenue.....	1902	Aug. 4, 1912..	Barber Asphalt Company.
Berkeley street.....	Easterly roadway, Boylston street to Providence street.....	1906	Dec. 31, 1916..	Barber Asphalt Company.
Berwick park.....	At Columbus avenue.....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.
Bosworth street.....	At Tremont street.....	1900	Dec. 2, 1910..	Barber Asphalt Company.
Boylston street.....	Tremont street, across Boylston place.....	1901	Oct. 9, 1911..	Barber Asphalt Company.
Boylston street.....	Charles street to Arlington street.....	1901	Oct. 9, 1911..	Barber Asphalt Company.
Boylston street.....	Clarendon street, across Dartmouth street.....	1901	Oct. 23, 1911..	Barber Asphalt Company.
Brimmer street.....	Centre of Byron street to Chestnut street.....	1906	Nov. 10, 1916..	Barber Asphalt Company.
Bromfield street.....	At Tremont street.....	1900	Dec. 2, 1910..	Barber Asphalt Company.

List of Streets with Smooth Pavements having a Maintenance Guarantee. — *Continued.*

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
1 Camden street.....	At Columbus avenue (east and west).....	1906-07	Jan. 4, 1917..	Boston Asphalt Company.
Chambers street.....	Green street, across Poplar street.....	1902	Oct. 25, 1912..	Barber Asphalt Company.
Charles street.....	Southerly side of Fruit street, across Allen street.....	1899	Oct. 31, 1909..	Barber Asphalt Company.
Claremont park.....	At Columbus avenue.....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.
Columbus avenue.....	134 feet south of Ferdinand street to Boston & Albany R.R. bridge..	1904	Nov. 25, 1914..	Barber Asphalt Company.
Columbus avenue.....	Boston & Albany R.R. bridge to northerly side of Camden street..	1906-07	Jan. 8, 1917..	Barber Asphalt Company.
1 Columbus avenue.....	Northerly side of Camden street, 301 feet south of Camden street..	1906-07	Jan. 8, 1917..	Boston Asphalt Company.
Concord square.....	At Columbus avenue.....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.
Court street.....	Washington street to westerly side of Old Court House.....	1904	July 6, 1914..	Barber Asphalt Company.
Court square.....	From Court street, 20 feet south on easterly side of Old Court House,	1904	July 6, 1914..	Barber Asphalt Company.
Court square.....	From Court st., 241 feet south on westerly side of Old Court House,	1904	Sept. 26, 1914..	Barber Asphalt Company.
Dartmouth street.....	Huntington avenue to Boylston street.....	1901	Oct. 23, 1911..	Barber Asphalt Company.
Dartmouth street.....	Boylston street to Newbury street (car tracks removed).....	1903	June 26, 1913.	Barber Asphalt Company.
Devonshire street.....	Milk street to Water street.....	1899	Oct. 1, 1909..	Barber Asphalt Company.
Devonshire street.....	Milk street to Franklin street.....	1905	Oct. 19, 1915..	Barber Asphalt Company.
Dillon street.....	Lenox street to Sawyer street.....	1902	Nov. 28, 1912..	Barber Asphalt Company.
Endicott street.....	Cooper street, across Thatcher street.....	1899	Oct. 26, 1909..	Barber Asphalt Company.
Exchange place.....	Congress street to Kilby street.....	1903	Dec. 4, 1913..	Barber Asphalt Company.
Greenwich park.....	At Columbus avenue.....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.

Harris street.....	Hanover street to North street.....	1904	Oct.	22, 1914..	Barber Asphalt Company.
Harrison avenue.....	Kneeland street to Harvard street.....	1899	Nov.	16, 1909..	Barber Asphalt Company.
Harrison avenue.....	Asylum street, across Davis street.....	1901	Aug.	24, 1911..	Barber Asphalt Company.
Harrison avenue.....	Northerly side of Decatur street, across Gloucester place.....	1905	Sept.	13, 1915..	Barber Asphalt Company.
Harrison avenue.....	Easterly side of Union Park street to Malden street.....	1903	April	2, 1913..	Barber Asphalt Company.
Hawes street.....	Congress street to Kilby street.....	1904	Nov.	6, 1914..	Barber Asphalt Company.
Hayward place.....	Washington street, to 85 feet east.....	1906	Sept.	1, 1916..	Barber Asphalt Company.
Hayward place.....	From 85 feet east of Washington street to Harrison avenue.....	1905	Aug.	21, 1915..	Barber Asphalt Company.
Holyoke street.....	At Columbus avenue.....	1906-07	Jan.	8, 1917..	Barber Asphalt Company.
Huntington avenue.....	Boylston street, across Dartmouth street.....	1901	Oct.	23, 1911..	Barber Asphalt Company.
Kilby street.....	Central street to State street.....	1904	May	21, 1914..	Barber Asphalt Company.
Lynn street.....	Cooper street to Thatcher street.....	1906	Aug.	21, 1916..	Barber Asphalt Company.
Malden street.....	Washington street to Harrison avenue.....	1902	Dec.	8, 1912..	Barber Asphalt Company.
Mason street.....	Avery street to Tremont street.....	1900	Nov.	10, 1910 .	Barber Asphalt Company.
Norman street.....	Green street to South Margin street.....	1905	Aug.	10, 1915.	Barber Asphalt Company.
North Bonnet street.....	Hanover street to Salem street.....	1904	Oct.	1, 1914..	Barber Asphalt Company.
Northampton street.....	Washington street to Shawmut avenue.....	1905	Oct.	9, 1915..	Barber Asphalt Company.
Northampton street.....	At Columbus avenue.....	1906-07	Jan.	8, 1917..	Barber Asphalt Company.
Parmenter street.....	Hanover street to Salem street.....	1902	Sept.	11, 1912..	Barber Asphalt Company.
Parnell street.....	Lenox street to Sawyer street.....	1902	Nov.	28, 1912..	Barber Asphalt Company.
Public alley No. 401.....	Between Huntington avenue and St. Botolph street, from Irvington street to Garrison street.....	1899	Oct.	2, 1909..	Simpson Brothers.

List of Streets with Smooth Pavements having a Maintenance Guarantee. — *Continued.*

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Public alley No. 402. ....	Between Huntington avenue and St. Botolph street, from Garrison street to West Newton street. ....	1899	Sept. 30, 1909..	Simpson Brothers.
Public alley No. 403. ....	Between Huntington avenue and St. Botolph street, from West Newton street to Cumberland street. ....	1899	Sept. 29, 1909..	Simpson Brothers.
Public alley No. 414. ....	Between Beacon street and Marlborough street, from 53 feet east of Massachusetts avenue to Hereford street. ....	1901	Oct. 24, 1911..	Barber Asphalt Company.
Public alley No. 415. ....	Between Beacon street and Marlborough street, from Hereford street to Gloucester street. ....	1901	Oct. 12, 1911..	Barber Asphalt Company.
Public alley No. 416. ....	Between Beacon street and Marlborough street, from Gloucester street to Fairfield street. ....	1901	Nov. 14, 1911..	Barber Asphalt Company.
Public alley No. 417. ....	Between Beacon street and Marlborough street, from Fairfield street to Exeter street. ....	1901	Nov. 29, 1911..	Barber Asphalt Company.
Public alley No. 419. ....	Between Beacon street and Marlborough street, from Dartmouth street to Clarendon street. ....	1899	Sept. 28, 1909..	Simpson Brothers.
Public alley No. 422. ....	Between Commonwealth avenue and Marlborough street, from Arlington street to Berkeley street. ....	1902	Sept. 18, 1912..	Barber Asphalt Company.
Public alley No. 423. ....	Between Commonwealth avenue and Marlborough street, from Berkeley street to Clarendon street. ....	1902	Aug. 28, 1912..	Barber Asphalt Company.
Public alley No. 424. ....	Between Commonwealth avenue and Marlborough street, from Clarendon street to Dartmouth street. ....	1902	April 22, 1912..	Barber Asphalt Company.
Public alley No. 426. ....	Between Commonwealth avenue and Marlborough street, from Exeter street to Fairfield street. ....	1901	Oct. 16, 1911..	Barber Asphalt Company.
Public alley No. 428. ....	Between Commonwealth avenue and Marlborough street, from Gloucester to 205 feet east of Hereford street. ....	1901	Oct. 23, 1911..	Barber Asphalt Company.



Public alley No. 431.....	Between Commonwealth avenue and Newbury street, from 205 feet east of Hereford street to 83 feet west of Gloucester street.....	1899	Sept. 25, 1909..	Simpson Brothers.
Public alley No. 437.....	Between Commonwealth avenue and Newbury street, from Berkeley street to Arlington street.....	1898	Dec. 10, 1908..	Barber Asphalt Company.
Public alley No. 701.....	Between Union park and Upton street, from 130 feet east of Tremont street to Shawmut avenue.....	1899	Nov. 8, 1909..	Barber Asphalt Company.
Rutland square.....	At Columbus avenue.....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.
St. James avenue.....	At Huntington avenue.....	1901	Oct. 23, 1911..	Barber Asphalt Company.
Salutation street.. ..	Hanover street to Commercial street.....	1905	Sept. 5, 1915..	Barber Asphalt Company.
South Margin street.....	Stanford street, across Norman street.....	1905	Aug. 12, 1915..	Barber Asphalt Company.
Temple place.....	Washington street, 95 feet westerly.....	1906	Oct. 1, 1910..	Barber Asphalt Company.
Temple place.....	95 feet west of Washington street to Tremont street.....	1900	Oct. 1, 1910..	United States Paving Co.
Tileston street.....	Hanover street, across Unity street.....	1905	Nov. 23, 1915..	Barber Asphalt Company.
Tremont street.....	Scolloy square to 23 feet north of Beacon street.....	1900	Dec. 2, 1910..	Barber Asphalt Company.
Tremont street.....	21 feet south of Beacon street to Boylston street.....	1900	Dec. 2, 1910..	Barber Asphalt Company.
Trinity place.....	St. James avenue, across Stuart street.....	1899	Sept. 18, 1909..	Barber Asphalt Company.
Trinity place.....	Stuart street, across Stanhope street.....	1900	Dec. 1, 1910..	Barber Asphalt Company.
Union Park street.....	Washington street to Harrison avenue.....	1902	Aug. 2, 1912..	Barber Asphalt Company.
Water street.....	Congress street to Kilby street.....	1902	Sept. 16, 1912..	Barber Asphalt Company.
Wellington street.....	At Columbus avenue.....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.
West street.....	At Tremont street.....	1900	Dec. 2, 1910..	Barber Asphalt Company.
West Canton street.....	At Columbus avenue.....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.
West Rutland square.....	At Columbus avenue.....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.
West Springfield street .....	At Columbus avenue .....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.

List of Streets with Smooth Pavements having a Maintenance Guarantee. — *Continued.*

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Wiggin street .....	Tilston street to North Bennet street.....	1905	Nov. 23, 1915..	Barber Asphalt Company.
Winter street .....	At Tremont street.....	1900	Dec. 2, 1910..	Barber Asphalt Company.
Worcester street.....	At Columbus avenue .....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.
Yarmouth street.....	At Columbus avenue.....	1906-07	Jan. 8, 1917..	Barber Asphalt Company.
<i>East Boston.</i>				
Bennington street.....	Bridge over Boston & Albany Railroad.....	1906	July 15, 1916..	Barber Asphalt Company.
Curtis street.....	Bridge over Boston & Albany Railroad.....	1906	Nov. 21, 1916..	E. R. Taylor Company.
Maverick street... ..	Bridge over Boston & Albany Railroad .....	1906-07	Jan. 23, 1917..	E. R. Taylor Company.
<i>Charlestown.</i>				
Joiner street.....	Park street to Chelsea street.....	1906	Sept. 23, 1916..	Barber Asphalt Company.
<i>South Boston.</i>				
Bolton street.....	C street to D street.....	1905	Oct. 12, 1915..	Barber Asphalt Company.
Dorchester street.....	Easterly side of Vinton street in front of Methodist Church.....	1904	Oct. 18, 1914..	Barber Asphalt Company.
E street.....	West Seventh street to West Eighth street.....	1904	Oct. 24, 1914..	Barber Asphalt Company.
West Sixth street, .....	C street to D street.....	1905	Oct. 14, 1915..	Barber Asphalt Company.

*Roxbury.*

Boylston street.....	St. Cecilia street to Massachusetts avenue.....	1904	Aug.	26, 1914..	Barber Asphalt Company.
<sup>1</sup> Burke street.....	At Columbus avenue.....	1906-07	Jan.	4, 1917 .	Boston Asphalt Company.
<sup>1</sup> Columbus avenue.....	301 feet south of Camden street to 67 feet north of Station street....	1906-07	Jan.	4, 1917..	Boston Asphalt Company.
<sup>1</sup> Cunard street.....	At Columbus avenue.....	1906-07	Jan.	4, 1917..	Boston Asphalt Company.
<sup>1</sup> Davenport street.....	At Columbus avenue.....	1906-07	Jan.	4, 1917..	Boston Asphalt Company.
Eastis street.....	138 feet east of Winslow street to 163 feet west of Albany street.....	1906	July	31, 1916..	Barber Asphalt Company.
Palmer street.....	121 feet east of Winslow street to 231 feet west of Albany street.....	1906	July	11, 1916..	Barber Asphalt Company.
Public alley No. 404.....	Between Huntington avenue and St. Botolph street from 66 feet south of Cumberland street to Public alley No. 405.....	1899	Oct.	5, 1909..	Simpson Brothers.
Public alley No. 405.....	Rear of the northeast side of Massachusetts avenue, from 94 feet east of Huntington avenue to 62 feet west of St. Botolph street....	1899	Oct.	5, 1909..	Simpson Brothers.
Public alley No. 428.....	Between Commonwealth avenue and Marlborough street, from 205 feet east of Hereford street to Hereford street.....	1901	Oct.	23, 1911..	Barber Asphalt Company.
Public alley No. 429.....	Between Commonwealth avenue and Marlborough street, from 55 feet west of Hereford street to 77 feet east of Massachusetts ave..	1901	Nov.	13, 1911..	Barber Asphalt Company.
Public alley No. 431.....	205 feet east of Hereford street to Hereford street.....	1899	Sept.	25, 1909..	Simpson Brothers.
<sup>1</sup> Riverside street.....	At Columbus avenue.....	1906-07	Jan.	4, 1917..	Boston Asphalt Company.
Roxbury street.....	Easterly side of Guild row to Washington street.....	1904	Aug.	12, 1914..	Barber Asphalt Company.
<sup>1</sup> Sarsfield street.....	At Columbus avenue.....	1906-07	Jan.	4, 1917..	Boston Asphalt Company.
<sup>1</sup> Walpole street.....	At Columbus avenue, east and west.....	1906-07	Jan.	4, 1917..	Boston Asphalt Company.
Washington street.....	22 feet north of Marvin street, across Zeigler street.....	1904	Aug.	12, 1914..	Barber Asphalt Company.
<sup>1</sup> Western street.....	At Columbus avenue.....	1906-07	Jan.	4, 1917..	Boston Asphalt Company.

<sup>1</sup> Bermudez Asphalt.

List of Streets with Smooth Pavements having a Maintenance Guarantee. — *Continued.*

## Sicilian Rock Asphalt.

*City Proper.*

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Arch street.....	Summer street to Franklin street.....	1901	Oct. 12, 1911..	Boston Asphalt Company.
Beacon street.....	Arlington street to Dartmouth street. . .	1901	June 14, 1911..	Boston Asphalt Company.
Boylston street.....	Easterly side of Arlington street to Berkeley street.....	1900	Nov. 28, 1910..	Boston Asphalt Company.
Essex place.....	Tufts street to Essex street.....	1901	Oct. 3, 1911..	Boston Asphalt Company.
Harrison avenue.....	Northampton street to Lenox street.....	1903	May 29, 1913..	Boston Asphalt Company.
India street.....	Milk street to India square.....	1901	Nov. 9, 1911..	Boston Asphalt Company.
Kington street.....	Beach street to Essex street.....	1899	Aug. 9, 1909..	Boston Asphalt Company.
Marlborough street.....	Arlington street to Clarendon street....	1901	Aug. 8, 1911..	Boston Asphalt Company.
Mason street.....	West street to 213 feet south of West street.....	1901	Aug. 15, 1911..	Boston Asphalt Company.
Massachusetts avenue.....	Marlborough street to Beacon street.....	1901	Nov. 20, 1911..	Boston Asphalt Company.
Morton street.....	Salem street to Endicott street.....	1901	Dec. 16, 1911..	Boston Asphalt Company.
Newland street.....	West Brookline street to West Newton street.....	1902	Oct. 15, 1912..	Boston Asphalt Company.
Otter street.....	Beacon street to alley, along Charles River.....	1901	Sept. 19, 1911..	Boston Asphalt Company.
Prince street. ....	233 feet west of Hanover street to Salem street.....	1900	Dec. 7, 1910..	Jones & Meehan.
Public alley No. 12.....	Poplar street to Public alley No 14.....	1903	Sept. 22, 1913..	Boston Asphalt Company.
Public alley No. 434....	Between Commonwealth avenue and Newbury street, from Exeter to Dartmouth street.....	1901	Oct. 29, 1911..	Boston Asphalt Company.

Public alley No. 436.....	Between Commonwealth avenue and Newbury street, from Clarendon street to Berkeley street.....	1901	Oct. 19, 1911..	Boston Asphalt Company.
Public alley No. 438.....	Between Newbury street and Boylston street, from Arlington street to Berkeley street.....	1901	Oct. 22, 1911..	Boston Asphalt Company.
Public alley No. 440.....	Between Newbury street and Boylston street, from Dartmouth street to Exeter street.....	1901	Nov. 5, 1911..	Boston Asphalt Company.
Public alley No. 441.....	Between Newbury street and Boylston street, from Exeter street to Fairfield street.....	1903	May 25, 1913..	Boston Asphalt Company.
Public alley No. 442.....	Between Newbury street and Boylston street, from 59 feet west of Fairfield street to 110 feet east of Gloucester street.....	1901	Nov. 29, 1911..	Boston Asphalt Company.
Salem street.....	Endicott street, across Prince street.....	1901	Nov. 22, 1911..	Boston Asphalt Company.
Tufts street.....	Kingston street to South street.....	1901	Sept. 13, 1911..	Boston Asphalt Company.
Tyler street.....	Oak street to Harvard street.....	1901	Nov. 1, 1911..	Boston Asphalt Company.

*East Boston.*

Meridian street.....	Trenton street to Eutaw street.....	1900	Dec. 3, 1910..	Jones & Meehan.
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*Charlestown.*

Lawrence street.....	Lawrence avenue, across Miller street.....	1901	Nov. 13, 1911..	Jones & Meehan.
Miller street.....	Main street to Lawrence street.....	1901	Nov. 8, 1911..	Jones & Meehan.
Warren street.....	Winthrop street to Soley street.....	1901	Aug. 22, 1911..	Boston Asphalt Company.

List of Streets with Smooth Pavements having a Maintenance Guarantee. — *Continued.**South Boston.*

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Athens street.....	C street to D street.....	1901	Aug. 16, 1911..	Jones & Meehan.
Bowen street.....	C street to E street.....	1901	Oct. 30, 1911..	Jones & Meehan.
Gold street.....	B street to D street.....	1901	Oct. 10, 1911..	Jones & Meehan.
Silver street.....	B street to D street.....	1901	Aug. 7, 1911..	Jones & Meehan.
Tindor street.....	C street to D street....	1901	Oct. 12, 1911..	Jones & Meehan.

*Roxbury.*

Dudley street.....	Easterly side, between Dunmore street and Magazine street.....	1902	Nov. 1, 1912..	Boston Asphalt Company.
Massachusetts avenue.....	Huntington avenue, across Marlborough street.....	1901	Nov. 20, 1911..	Boston Asphalt Company.
Public alley No. 901.....	Hemenway street to Hemenway street.....	1902	Nov. 6, 1912..	Boston Asphalt Company.

*Brighton.*

Brooks street.....	Bridge.....	1902	May 17, 1912..	Boston Asphalt Company.
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**Seyssel Rock Asphalt.**

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Milton street.....	Brighton street to Spring street.....	1899	Sept. 8, 1909..	Jones & Meehan.
Public alley No. 102.....	23 feet south of Marshall street to Creek square.....	1899	Nov. 11, 1909..	Jones & Meehan.
Public alley No. 702.....	Worcester street to West Springfield street.....	1899	Nov. 9, 1909...	Jones & Meehan.
Public alley No. 703.....	Newland street to Public alley No. 702.....	1899	Nov. 9, 1909...	Jones & Meehan.

**American Rock Asphalt.**

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
K street.....	East Fourth street, across East Sixth street (South Boston).....	1906	Sept. 14, 1916..	Jones & Meehan.

**Hassam (Cement) Pavement.**

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Main street.....	Bridge over Boston & Maine Railroad to Somerville line (Chsn.)....	1906	Dec. 20, 1911..	Simpson Brothers.

**List of Streets with Smooth Pavements having a Maintenance Guarantee. — Continued.**  
**Bitulithic.**  
*City Proper.*

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Albany street.....	Northerly side of Stoughton street, across East Concord street.....	1905	Dec. 2, 1915..	Warren Brothers Company.
Albany street.....	From 225 feet north of Massachusetts avenue to Massachusetts ave.,	1905	Nov. 3, 1915..	Warren Brothers Company.
Allen street.....	Charles street to Chambers street.....	1905	Sept. 9, 1915..	Warren Brothers Company.
Ashburton place.....	Bowdoin street to Somerset street.....	1904	Aug. 17, 1914..	Warren Brothers Company.
Belvidere street.....	West Newton street to 135 feet west of Falmouth street.....	1903	April 25, 1913..	Warren Brothers Company.
Berkeley street.....	Boylston street to Commonwealth avenue.....	1903	May 22, 1913..	Warren Brothers Company.
Berkeley street.....	Commonwealth avenue to Marlborough street.....	1903	May 22, 1913..	Warren Brothers Company.
Berkeley street.....	Marlborough street to Beacon street.....	1903	May 22, 1913..	Warren Brothers Company.
Berkeley street.....	Tremont street to Columbus avenue.....	1906	Incomplete.	Warren Brothers Company.
Bowdoin street.....	Ashburton place to Cambridge street.....	1902	Oct. 23, 1912..	Warren Brothers Company.
Boylston street.....	Dartmouth street to 205 feet east of Hereford street.....	1904	Nov. 8, 1914..	Warren Brothers Company.
Clarendon street.....	Boylston street to Commonwealth avenue.....	1905	Aug. 21, 1915..	Warren Brothers Company.
Clarendon street.....	Commonwealth avenue to Beacon street.....	1905	Aug. 21, 1915..	Warren Brothers Company.
Dartmouth street.....	Southerly side of Newbury street to Commonwealth avenue.....	1903	July 13, 1913..	Warren Brothers Company.
Dartmouth street.....	Commonwealth avenue to Beacon street.....	1903	July 13, 1913..	Warren Brothers Company.
Emerald street.....	Castle street to Dover street.....	1904	July 27, 1914..	Warren Brothers Company.
Florence street.....	Washington street to Harrison avenue.....	1906	Sept. 8, 1916..	Warren Brothers Company.



Garden-court street.....	North square to Fleet street.....	1906	Oct.	23, 1916..	Warren Brothers Company.
Hancock street.....	Mt. Vernon street to Myrtle street.....	1902	July	17, 1912..	Warren Brothers Company.
Hancock street.....	Myrtle street to Cambridge street.....	1902	Nov.	15, 1912..	Warren Brothers Company.
Harrison avenue.....	North side of East Springfield street to Northampton street.....	1905	Nov.	24, 1915..	Warren Brothers Company.
Huntington avenue.....	9 feet west of Dartmouth street to B. & A. R. R. bridge.....	1906	Sept.	15, 1916..	Warren Brothers Company.
Massachusetts avenue.....	Southerly side of Beacon street to Harvard bridge.....	1902	Nov.	22, 1912..	Warren Brothers Company.
Massachusetts avenue.....	Columbus avenue to Providence Division N. Y. N. H. & H. R. R.....	1903	Aug.	11, 1913..	Warren Brothers Company.
McLean street.....	Chambers street to Blossom street.....	1905	July	20, 1915..	Warren Brothers Company.
Moon street.....	Lewis street to Fleet street.....	1906	Oct.	13, 1916..	Warren Brothers Company.
North square.....	North street to Moon street.....	1906	Dec.	24, 1916..	Warren Brothers Company.
Oneida street.....	Harrison avenue to Albany street.....	1903	Aug.	22, 1913..	Warren Brothers Company.
Prince street.....	Garden-court street to Hanover street.....	1906	Oct.	23, 1916..	Warren Brothers Company.
Tyler street.....	Beach street to Kneeland street.....	1905	Oct.	23, 1915..	Warren Brothers Company.
Tyler street.....	Kneeland street to Harvard street.....	1905	Oct.	23, 1915..	Warren Brothers Company.
Tyler street.....	Oak street to Curve street.....	1905	Oct.	23, 1915..	Warren Brothers Company.
West Newton street.....	Columbus avenue to Huntington avenue.....	1903	July	3, 1913..	Warren Brothers Company.
West Newton street.....	Huntington avenue, across Belvidere street.....	1903	April	25, 1913..	Warren Brothers Company.
West Newton street.....	Tremont street to Columbus avenue.....	1904	Aug.	13, 1914..	Warren Brothers Company.

*East Boston.*

Maverick street.....	London street to Hayre street.....	1903	June	22, 1913..	Warren Brothers Company.
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**List of Streets with Smooth Pavements having a Maintenance Guarantee. — Continued.**  
*South Boston.*

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Bowen street.....	E street to F street.....	1903	May 22, 1913..	Warren Brothers Company.
Dorchester street.....	Broadway to Eighth street.....	1905	Sept. 20, 1915..	Warren Brothers Company.
G street.....	110 feet north of East Sixth st. to 178 feet north of East Seventh st..	1905	July 31, 1915..	Warren Brothers Company.
Silver street.....	A street to B street.....	1903	June 4, 1913..	Warren Brothers Company.
Silver street.....	225 feet west of E street to E street .....	1903	June 2, 1913..	Warren Brothers Company.
Thomas park.....	Around Telegraph Hill.....	1905	July 3, 1915..	Warren Brothers Company.
West Broadway.....	Intersection at Dorchester street.....	1905	Sept. 20, 1915..	Warren Brothers Company.
West Fourth street.....	E street to 207 feet west of E street.....	1903	June 2, 1913..	Warren Brothers Company.
<i>Roxbury.</i>				
Belvidere street.....	Massachusetts avenue to 135 feet west of Falmouth street.....	1903	April 25, 1913..	Warren Brothers Company.
Blue Hill avenue.....	Dewey street to north side of Savin street.....	1906	Nov. 6, 1916..	Warren Brothers Company.
Blue Hill avenue.....	Brunswick street to northerly side of Devon street .....	1906	Dec. 7, 1916..	Warren Brothers Company.
Boylston street... ..	205 feet east of Hereford street to 195 feet west of Falmouth street..	1904	Nov. 8, 1914..	Warren Brothers Company.
Boylston street.....	Massachusetts avenue to westerly side of Hemenway street.....	1905	Sept. 2, 1915..	Warren Brothers Company.
Dacia street.....	Northerly side of Woodcliff street across Dove street.....	1906	Oct. 2, 1916..	Warren Brothers Company.
Gainsborough street.....	Huntington avenue to Providence Division, New York, New Haven & Hartford Railroad.....	1903	July 17, 1913..	Warren Brothers Company.

Massachusetts avenue .....	1903	Aug. 11, 1913..	Warren Brothers Company.
Roxbury street.....	1904	Sept. 21, 1914..	Warren Brothers Company.
St. Alphonsus street .....	1905	Sept. 9, 1915..	Warren Brothers Company.
Smith street.....	1904	July 9, 1914..	Warren Brothers Company.
Tremont street.....	1902	Dec. 11, 1912..	Warren Brothers Company.
Woodcliff street.....	1906	Oct. 2, 1916..	Warren Brothers Company.

## Wood Blocks.

*City Proper.*

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Avery street.....	At Washington street.....	1906	Nov. 23, 1916..	U. S. Wood Preserving Co.
Avon street.....	At Washington street.....	1906	Nov. 23, 1916..	U. S. Wood Preserving Co.
Beacon street.....	Massachusetts avenue to Raleigh street. .	1901	Oct. 7, 1911..	U. S. Wood Preserving Co.
Boylston street.....	Boylston place across Charles street.....	1901	Sept. 26, 1911..	U. S. Wood Preserving Co.
Charles street.....	At Boylston street.....	1901	Sept. 26, 1911..	U. S. Wood Preserving Co.
Harvard bridge.....	Southerly abutment to centre of draw.....	1901	Dec. 11, 1911..	U. S. Wood Preserving Co.
Hayward place .....	Washington street to 9 feet easterly.....	1906	Nov. 23, 1916..	U. S. Wood Preserving Co.
Newbury street.....	Fairfield street to 205 feet east of Hereford street .....	1901	Nov. 2, 1911..	U. S. Wood Preserving Co.
Public alley No. 442.....	Between Newbury street and Boylston street from Gloucester street to 110 feet east of Gloucester street.....	1901	Nov. 29, 1911..	Boston Asphalt Company.

List of Streets with Smooth Pavements having a Maintenance Guarantee. — *Concluded.*

STREET.	Limits.	Year Laid.	Guarantee Expires	Contractor.
Tremont street.....	23 feet north of Beacon street to 21 feet south of Beacon street.....	1900	Dec. 2, 1910..	U. S. Wood Preserving Co.
Tremont street.....	18 feet north of Park street to street line of Temple place (westerly side).....	1900	Dec. 2, 1910..	U. S. Wood Preserving Co.
Washington street... ..	Milk street to Beach street.....	1906	Nov. 23, 1916..	U. S. Wood Preserving Co.
<i>Roxbury.</i>				
Newbury street.....	205 feet east of Hereford street to Hereford street.....	1901	Nov. 12, 1911..	U. S. Wood Preserving Co.
Newbury street.....	Easterly side of Hereford street to Massachusetts avenue.....	1903	Oct. 7, 1913..	Patrick McGovern.

TABLE SHOWING THE COST OF ASPHALT REPAIRS PER SQUARE YARD OF STREET SURFACE,  
FROM 1902 TO 1906, INCLUSIVE.

**Trinidad Asphalt.**

*City Proper.*

STREET.	Limits.	Year Laid.	1902.	1903.	1904.	1905.	1906.
Albany street.....	80 feet north of Broadway, across Way street.....	1899	.....	.....	*		
Albany street.....	East Concord street to 225 north of Massachusetts avenue.....	1884	\$0.019	\$0.090	\$0.029	\$0.082	\$0.055
Arch street.....	Franklin street to Milk street.....	1863	.065	.069	.091	.057	.062
Ash street.....	Bennet street to Nassau street.....	1887	.064	.018	.033	†	
Barton court.....	Barton street to Brighton street.....	1894	.....	.....	†		
Batterymarch street.....	Milk street to Liberty square.....	1896	.....	.....	.247	.004	.008
Beacon street.....	Charles street, across Arlington street.....	1891	.024	.047	.043	.048	.019
Beacon street.....	Easterly side of Dartmouth street to within 150 feet of westerly line of Gloucester street.....	1892	.020	.033	.060	.013	.036
Beacon street.....	150 feet from westerly line of Gloucester street to 78 feet beyond westerly line of Gloucester street.....	1898	.....	*	.004	.006	.014
Beacon street.....	78 feet west of Gloucester street to Massachusetts avenue.....	1893	.016	.056	.011	.033	.028
Bennet street.....	90 feet west of Harrison avenue to 162 feet east of Washington street.....	1887	.030	.162	.019	†	
Bond street.....	Hanson street to Milford street.....	1895	.....	.....	.....	.....	.....
Boylston street.....	Easterly side of Berkeley street, across Clarendon street.....	1897	*	.080	.033	.070	.130

\* Guarantee expired in this year.

† Repaired in this year.

Cost of Asphalt Repairs, 1902-1906. — *Continued.*

STREET.	Limits.	Year Laid.	1902.	1903.	1904.	1905.	1906.
Brattle square.....	Brattle street to Elm street.....	1888	\$0.038	\$0.068	.....	\$0.072	\$0.080
Brighton street.....	Leverett street to Allen street.....	1892	.094	.136	\$0.063	.127	
Brimmer street.....	Beacon street to Pinckney street.....	1895	.037	.072	.060	.093	
Brimmer street.....	Beacon street to Byron street.....	1895	.....	.....	.....	.....	
Brimmer street.....	Chestnut street to Pinckney street.....	1895	.....	.....	.....	.....	.074
Broadway.....	Albany street to 105 feet west of Albany street.....	1899	.....	.....	*	.359	
Castle street.....	Castle square, easterly.....	1899	.....	.....	*	.....	.025
Casnovre street.....	Columbus avenue to 45 feet south of Columbus avenue.....	1899	.....	.....	*	.....	
Central street.....	Broad street to Kilby street.....	1887	.048	.239	.141	.169	.029
Chambers street.....	Green street, across Poplar street.....	1894	†	.....	.....	.....	
Chambers street.....	Brighton street to Charles street.....	1895	.003	.068	.011	.025	.062
Chandler street.....	At Castle square.....	1899	.....	.....	*	.....	
Charter street.....	Hanover street, across Unity street.....	1894	.031	.146	.189	.192	.148
Cherry street.....	Washington street to Shawmut avenue.....	1892	.029	.025	.....	.047	.027
Clark street.....	Hanover street to North street.....	1892	.025	.102	.033	.097	.064
Columbus avenue.....	Boston & Albany R.R. bridge, across Massachusetts avenue.....	1884-99	.125	.178	†.126	.169	
Columbus avenue.....	Massachusetts avenue to 301 feet south of Camden street.....	1896	.020	.037	.123	.133	
Congress square.....	Congress square to Congress street.....	1883-1900	.....	.....	.....	*	
Cooper street.....	North Margin street, across Endicott street.....	1887	.030	.152	.128	.051	.123

Cooper street.....	Endicott street to Charlestown street.....	1897	*	.189	.065	.158	.226
Corning street.....	Washington street to Shawmut avenue.....	1883-96	.235	.237	.056	.204	.202
Court street.....	Washington street to Court square.....	1891-1904	.334	.027	\$		
Court square.....	Court street to Court street.....	1881	.034	.063	†.115		
Court square.....	Easterly and southerly side.....	1881-94	.074	.118	.171	.107	.036
Dartmouth street.....	Boylston street to Newbury street.....	1894	.007	.089			
Davis street.....	Washington street to Harrison avenue.....	1892	.054	.072	.010	.082	.060
Doane street.....	Kilby street to Broad street.....	1881	.080	.198	.103	.043	
Edinboro street.....	Essex street to Beach street.....	1895	.010	.089	.021	.113	.086
Exchange place.....	Congress street to Kilby street.....	1887	.036	†			
Ferdinand street.....	At Castle square.....	1899	.....	.....	*		
Groton street.....	Washington street to Shawmut avenue.....	1892	.040	.045	.028	.....	.031
Hanover avenue.....	Hanover street to North street.....	1892	.016	.301	.006	.060	.056
Harrison avenue.....	East Newton street to East Springfield street.....	1888-95	.080	.118	.017	.068	.115
Harrison avenue.....	East Springfield street to 90 feet southerly.....	1888	.080	.118	.017		
Hollis street.....	Tremont street, towards Washington street.....	1891	.036	.164	.150	.051	.071
Hudson street....	Beach street to 90 feet north of Curve street (minus Kneeland and Harvard streets intersection).....	1891	.064	.101	.037	.068	.132
Kilby street.....	Liberty square.....	1891	.038	.028			
Kilby street.....	Central street to Milk street (including Liberty square).....	1891-98	.....	*	.030	.056	.224
Laconia street.....	Washington street to Harrison avenue.....	1896	.042	.083	.....	.027	.054

\* Guarantee expired in this year. † Repaired in this year. ‡ From Boston & Albany R.R. bridge to Chandler street, guarantee expires in this year.

§ Resurfaced in this year. || Westerly side repaved in this year. || Part repaved in this year.

## Cost of Asphalt Repairs, 1902-1906. — Continued.

STREET.	Limits.	Year Laid.	1902.	1903.	1904.	1905.	1906.
La Grange street.....	Tremont street, towards Washington street .....	1897	*	.....	\$0.100	\$0.068	\$0.132
Lincoln place .....	Worcester street to Springfield street.....	1897	*	.....	.....	.....	.024
Malcolm street. ....	Mr. Vernon street to Chestnut street.....	1892	\$0.010	\$0.019	.....	.065	.....
Massachusetts avenue.....	Columbus avenue to Tremont street (southerly roadway).....	1892	.033	.058	.031	.034	.019
Massachusetts avenue.....	Tremont street to Shawmut avenue (southerly roadway).....	1892	.033	.058	.031	.017	.015
Massachusetts avenue.....	Shawmut avenue to Washington street (southerly roadway).....	1892	.033	.058	.031	.013	.048
Moon street.....	North square to Lewis street.....	1891	.010	.098	.....	.060	.096
North Bennet street.....	Hanover street to Salem street.....	1883	.132	.044	†	.....	.....
North Margin street.....	Stillman street to Thacher street.....	1895	.015	.097	.015	.029	.032
Oxford street.....	Beach street to Essex street.....	1895	.....	.048	.006	.046	.049
Parkman street.....	North Anderson street, across Blossom street.....	1898	.....	*	.....	.....	.007
Parmenter street.....	Hanover street to Salem street.....	1893	†	.....	.....	.....	.....
Pinckney street.....	Charles street, across Brimmer street.....	1895	.002	.113	.032	.015	.089
Pine street... ..	Washington street to Harrison avenue. ....	1896	.....	.032	.....	.081	.015
Poplar street.....	Chambers street to Charles street.....	1887-92	.054	.128	.032	.057	.050
Public Alley No. 301.....	Pinckney street to River street.....	1897	.....	.....	.....	.....	.....
Public Alley No. 420.....	.....	1897	.....	.....	.....	.....	.....
Spring street.....	Poplar street to Everett street.....	1895	.084	.279	.091	.107	.187
Stevens street.....	Lincoln place, towards Shawmut avenue.....	1897	.....	.....	.....	.....	.....



Stillman street.....	1892	.030	.123	.....	.009	.038
Stoddard street.....	1892	.014	.....	.....	.....	.212
Sun-court street.....	1891	.024	.205	.....	.244	.108
Thacher street.....	1892	.....	.164	.....	.020	.043
Tileston street.....	1887	.209	.060	.....	.....	.....
Tileston street.....	1885	.....	.....	.....	.....	.....
Tremont street.....	1899	.....	.....	*	.....	.....
Unity street.....	1897	*	.021	.046	.006	.067
Warrenton street.....	1884-91	.020	.044	.050	.110	.038
Warrenton street.....	1891	.020	.037	.027	.108	.067
Water street.....	1889	†	.....	.....	.....	.....
Water street....	1896	.007	.011	.050	.013	.018
Wiget street.....	1897	*	.177	.....	.....	.063
Wiggin street.....	1887	.178	.068	.229	.197	.....

*Charlestown.*

Austin street. . . . .	1891	\$0.010	\$0.082	\$0.027	\$0.042	\$0.037
Bunker Hill street.....	1897	.....	.....	.....	.....	.....
Charlestown bridge..	1899	.216	.877	1.127	.341	.336
Corey street.....	1897	*	.....	.....	.042	.000
Moulton street.....	1897	*	.....	.....	.....	.000

\* Guarantee expired in this year.

† Repaired in this year.

## Cost of Asphalt Repairs, 1902-1906, — Continued.

STREET.	Limits.	Year Laid.	1902.	1903.	1904.	1905.	1906.
Moulton street.....	Vine street to Bunker Hill street.....	1897	*	.....	.....	\$0.012	\$0.039
Tufts street.....	Bunker Hill street, 141 feet northerly.....	1897	*	.....	.....	.....	.000
Vine street.....	Bunker Hill street, across Moulton street.....	1897	*	.....	.....	.....	.000

## South Boston.

D street.....	West Fifth street to Gold street.....	1889	\$0.056	\$0.221	\$0.032	\$0.051	\$0.165
E street.....	West Third street to Bolton street.....	1892	.....	.....	.053	.035	.026
Rogers street.....	Dorchester street to Preble street.....	1891	.....	.047	.....	.....	.000
West Sixth street.....	160 feet east of C street, towards D street.....	1887	.154	.178	.032	.073	.....
West Third street.....	153 feet west of E street, across E street.....	1892	.031	.....	.054	.....	.032

## Other Asphalt.

## Roxbury.

STREET.	Limits.	Year Laid.	1902.	1903.	1904.	1905.	1906.
Cabot street.....	Tremont street to Ruggles street.....	1891	\$0.027	\$0.023	\$0.002	\$0.019	\$0.025
Cabot street.....	Easterly side of Ruggles street to Vernon street.....	1892	.010	.012	.006	.020	.034

Cabot street.....	Easterly side of Vernon street to Linden Park street.....	1897	*	.....	.001	.....	.008
Columbus avenue.....	301 feet south of Camden street, across Terry street.....	1896	.020	.037	.123	.060	.....

**Sicilian Rock.***City Proper.*

STREET.	Limits.	Year Laid.	1902.	1903.	1904.	1905.	1906.
Acton street.....	Washington street to Bradford street .....	1896	\$0.054	.....	\$0.008	\$0.010	\$0.031
Albany street.....	Easterly side of Stoughton street, across East Concord street.....	1897	*	\$0.185	.205	† .048	.....
Ash street .....	Oak street, across Nassau street.....	1895	.196	.....	.183	.029	.000
Avery street.....	Washington street to Mason street.....	1897	*	.175	.....	†	.099
Barton street.....	Leverett street to Milton street.....	1895	.015	.....	.052	.019	.035
Bradford street.....	Waltham street to Shawmut avenue.....	1897	*	.....	.021	.001	.011
Colb street.....	Washington street to Shawmut avenue .....	1897	*	.....	.....	.042	.019
Decatur street.....	Washington street to Harrison avenue.....	1892	.098	.174	.052	.126	.119
Dwight street.....	Shawmut avenue to Tremont street.....	1893	.030	.....	.013	.922	.005
Exeter place .....	Chauncy street to Harrison avenue.....	1897	*	.....	.....	\$0.046	\$0.032
Fabin street.....	Newland street to Ivanhoe street.....	1895	.....	.....	.....	.067	.000
Fay street.....	Dover street to Harrison avenue.....	1894	.099	.296	.048	.....	.014

\* Guarantee expired in this year.

† Repaved with bitulithic in this year.

‡ From Washington street to 79 feet west of Haymarket place, repaved with granite blocks in this year.

Cost of Asphalt Repairs, 1902-1906. — *Continued.*

STREET.	Limits.	Year Laid.	1902.	1903.	1904.	1905.	1906.
Hamburg street.....	Mystic street to Harrison avenue.....	1896	.....	\$0.035	\$0.022	\$0.006	\$0.023
Hanover street.....	Tilteston street across to Charter street.....	1896	\$0.105	.179	.065	.144	.146
Huntington avenue.....	Boston & Albany Railroad to Massachusetts avenue.....	1896	.008	.013	.012	.017	.015
Mason street.....	From 213 feet south of West street to 44 feet south of West street.....	1894	.009	.533	.198	.256	.325
Massachusetts avenue.....	Washington street to Harrison avenue (southerly roadway).....	1894	.014	.019	.011	.013	.035
Massachusetts avenue.....	Harrison avenue to Albany street (southerly roadway).....	1894	.014	.019	.011	.034	.003
Mayo street.....	Castle street to Cobb street.....	1897	*	.....	.....	.065	.011
Meander street.....	East Dedham street to Malden street.....	1896	.182	.014	.....	.002	.000
Mottie street.....	Washington street to Harrison avenue.....	1892-99	.....	.....	.025	.....	.000
Mystic street.....	Malden street to East Dedham street.....	1896	.....	.046	.012	.085	.017
Mystic street.....	East Dedham street to East Canton street.....	1896	.....	.046	.012	.036	.016
Mystic street.....	East Canton street to East Brookline street.....	1896	.....	.046	.012	.036	.016
North Margiu street.....	Thacher street towards Endicott street.....	1897	*	.005	.027	.065	.015
Norwich street.....	Mystic street to Meander street.....	1896	.....	.027	.....	.029	.015
Olio street.....	Washington street to Shawmut avenue.....	1896	.043	.....	.077	.040	.021
Pemberton square.....	Front of Suffolk Court House.....	1894	.....	.....	.030	.008	.012
Prince street.....	Hanover street to Bennet avenue.....	1895	.....	.052	.190	.007	.035
Shawmut avenue.....	132 feet south of Castle street, across Cherry street.....	1898	.....	*	.057	.069	.081
Taylor street.....	Dwight street to Milford street.....	1896	.014	.....	.....	.048	.020
Whitmore street.....	Kneeland street to Harvard street.....	1895	.023	.....	.....	.063	.030

*South Boston.*

Athens street .....	West Second street to A street.....	1895	.....	.....	.....	\$0.019	\$0.000
Athens street.....	B street to C street.....	1892	.....	.....	.....	.028	.013
East Broadway.....	Front of Lincoln School.....	1897	*	\$0.035	\$0.056	.110	.062
K street.....	East Sixth street to East Eighth street .....	1896	\$0.084	.129	.054	.048	.060
West Broadway.....	From 186 feet east of easterly line of Dorchester avenue to A street...	1892	.260	.110	.066	.183	.153
West Broadway.....	Gardner place to 150 feet easterly.....	1893	.344	.125	.122	.152	.195
West Broadway.....	New England bridge to E street (4-foot gutters).....	1897	*	.092	.121	.209	.159
West Broadway.....	150 feet west of F street to 267 feet east of F street.....	1897	*	.....	.030	.112	.022
West Broadway.....	267 feet east of F street to 44 feet west of Dorchester street.....	1898	.....	*	.031	.062	.019

*Roxbury.*

Columbus avenue.....	Terry street to 61 feet north of Station street.....	1896	\$0.167	\$0.192	\$0.104	\$0.189	.....
Huntington avenue.....	Easterly side of Cumberland street to Massachusetts avenue.....	1896	.008	.013	.012	.....	.....
Huntington avenue.....	Massachusetts avenue to Gainsborough street.....	1896	.....	.013	.012	.019	\$0.003
Ipswich street.....	Bridge over waterway.....	1898	.....	*	.....	.102	.000

*Brighton.*

Cottage Farm bridge .....	Over Boston & Albany Railroad .....	1896	.....	.....	.....	.....	.....
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\* Guarantee expired in this year.

**Cost of Asphalt Repairs, 1902-1906. — Concluded.**

**Seyssel Rock.**

STREET.	Limits.	Year laid.	1902.	1903.	1904.	1905.	1906.
Genesee street .....	Harrison avenue to Albany street.....	1899	.....	.....	*	\$0.039	\$0.007
Mason street.....	444 feet south of West street to Avery street.....	1899	.....	.....	*	.....	.045
Oswego street.....	Harrison avenue to Albany street.....	1899	.....	.....	*	.006	.008
Paul street.....	Emerald street to Village street.....	1897-99	*	.....	.....	.....	.000
Paul street.....	Village street to Tremont street.....	1897-99	*	.....	.....	.015	.000
Pelham street.....	Washington street to Shawmut avenue.....	1897	*	.....	\$0.091	.000	.016
Waterford street.....	Washington street to Shawmut avenue.....	1897	*	.....	.149	.021	.089

**Other Asphalt.**

STREET.	Limits.	Year Laid.	1902.	1903.	1904.	1905.	1906.
Harris street.....	Hanover street to North street (coal tar).....	.....	\$0.076	.....	†	.....	.....
I street .....	East Broadway to East Fourth street.....	.....	.108	\$0.282	.....	\$0.180	\$0.049
Massachusetts avenue.....	Columbus avenue to Tremont street northerly roadway (asphaltina)	1897	*	.092	\$0.104	.093	.151
Mt. Vernon street.....	Archway under State House (Limmer Rock Asphalt).....	1897	.....	.....	.....	.....	.....
Public alley No. 422.....	Between Commonwealth avenue and Marlboro street from Arlington street 70 feet westerly (tar concrete).....	.....	†	.....	.....	.....	.....

\* Guarantee expired in this year.

† Repaved with Trinidad in this year.

PROPERTY IN CHARGE OF THE SUPERINTENDENT  
OF STREETS.*South Boston.*

*Columbia road*, corner H street, stable, carriage house, shed, tool-house and office built by the city on land containing 12,017 square feet, rented from William H. Hart.

*Columbia road*, corner Hamlin street, lot of land used for storage purposes, containing 6,710 square feet, rented from Charles P. Mooney, agent.

*East Boston.*

*Chelsea street*, No. 494, wharf property containing 61,000 square feet, purchased in 1897 from Francis S. Lally. This property is at present not in use.

*East Eagle street*, corner Glendon street, sheds, stable and office building, erected by the city on wharf property containing 326,700 square feet, leased in 1900 from Blodgett & Whidden for a term of ten years. This property is used jointly with the Sewer, Sanitary and Street Cleaning and Watering Departments.

*Charlestown.*

*Medford street*, foot of Elm street, wharf property containing 35,000 square feet owned by the city. Upon this lot are a shed, stable and office building.

*Brighton.*

*Union street*, opposite Shepard street, lot of land containing 37,000 square feet owned by the city. This lot is at present not in use.

*Chestnut Hill avenue*, ledge lot containing 601,563 square feet purchased in 1882 by the city. Upon this lot are stone crusher, stable, shed and office building.

*West Roxbury.*

*Child street*, lot of land containing 43,024 square feet owned by the city. Upon this lot are sheds, stable and office building.

*Mt. Vernon street*, near Pleasant street, lot of land containing 16,275 square feet, belonging to the Schoolhouse Commission. Upon this lot is a stable and office building.

*Morton street*, near Canterbury street, lot of land containing 14,250 square feet, owned by the city and used for storage purposes.

*Rosemary street*, lot of land used for storage purposes, containing 3,780 square feet, rented from Edward Cook.

*Centre street*, near Allandale street, ledge lot leased from Thomas Minton. On this lot are stone crusher, shed and scales owned by the city.

*Centre street*, corner Grove street, ledge lot leased from Thomas F. Welch. On this lot is crushed stone owned by the city.

*Dorchester.*

*Hancock street*, opposite Bowdoin street, lot of land known as the almshouse lot, containing 104,132 square feet which belonged to the town of Dorchester at the time of annexation. Upon this land are two stables, office, shed and tool-house.

*Downer avenue*, lot of land containing 35,300 square feet was purchased in 1871 to protect the almshouse lot.

*Codman street*, ledge lot, containing 299,000 square feet, was purchased in 1870. Upon this lot is a shed containing steam engine and stone crusher, also a stable and tool-house.

*Brush Hill road*, Milton, lot of land containing 64,523 square feet, leased May 13, 1843, by the town of Dorchester, for a term of 999 years.

Lot of land adjoining above, containing 30,000 square feet owned by the city of Boston. These lots are not now in use.

*Magnolia street*, near Bird street, lot of land containing 81,068 square feet, was purchased by the town of Dorchester in 1867. This lot is not now in use.

*Rosseter street*, ledge lot leased from W. J. Emerson. On this lot are buildings containing stone crusher, sheds and scales owned by the city.

*Roxbury.*

*Highland street*, lot of land containing 81,082 square feet owned by the city. Upon this lot is a large brick stable erected in 1873-74 and used by the Sanitary and Street Departments; also a brick building used as a blacksmith shop and a shed for storage purposes.

*Washington street*, corner Dimock street, ledge lot containing 134,671 square feet owned by the city. Upon this lot are buildings containing steam engine, stone crusher and scales.

*Kenney street*, ledge lot leased from James W. Kenney. On this lot are buildings containing engines, stone crusher, tools, scales, etc., owned by the city.

*Heath street*, ledge lot leased from Frederick Bleiler. On this lot are buildings containing engines, stone crushers, tools, scales, etc., owned by the city.

*South End.*

*Albany street*, opposite Sharon street, wharf lot containing 89,224 square feet. Upon this lot are stables, office, blacksmith and carpenter shops. Wharf lot adjoining above, containing 39,511 square feet, used for storage purposes. Both these wharves are owned by the city.



*Massachusetts avenue*, near Magazine street, lot of land containing 317,322 square feet, rented from the City Land Company and used for storage purposes.

*Columbia road*, near Stanwood street, ledge lot leased from Samuel G. King *et als*. Upon this lot are buildings containing engines, stone crushers, scales, etc., owned by the city.

### *Back Bay.*

*Hereford street*, near Boylston street, lot of land containing 28,020 square feet owned by the city. Upon this lot are a stable, shed and office building.

### *North End.*

*Commercial street*, No. 521, wharf lot containing 22,555 square feet, owned by the city. Upon this lot are a stable, shed and office building.

*Atlantic avenue*, opposite Oliver street, wharf lot containing 21,054 square feet, placed in charge of the Street Department May 18, 1874. This property is now used by the Sanitary Department.

*Atlantic avenue*, opposite Oliver street, wharf property containing 36,460 square feet, leased from J. H. Hecht on February 19, 1898, for ten years. This lease is held by the Sanitary Department, to which the Street Department pays for storage purposes the sum of \$5,200 per year.

*Revere street*, wharf lot containing 20,013 square feet, leased from J. J. Costello on July 20, 1899, for a term of ten years, for storage purposes. Portion of this lot is used by the Sewer Department.

## APPENDIX B.

REPORT OF THE DEPUTY SUPERINTENDENT OF  
THE FERRY DIVISION.

NORTH FERRY, EAST BOSTON, February 1, 1907.

JAMES H. DOYLE, ESQ.,

*Superintendent of Streets :*

DEAR SIR, — I respectfully submit report of income, expenditures and operation of the Ferry Division for the financial year ending January 31, 1907. This report covers the entire year, although I did not take charge of the division until May 14, 1906.

While it appears that the expenditures for this year were \$3,467.93 more than for the year previous, this increase is readily accounted for by the following extraordinary items, amounting to over \$14,000.

*Item 1.* — Over \$6,000 of bills left over from the year 1905 and paid during 1906. These bills were for work done and supplies furnished during 1905, and should properly have been paid out of the appropriation for that year.

*Item 2.* — Payment of execution of court amounting to \$4,290.73, in a case which had been pending in the courts for ten years previous. This execution should properly have been paid out of the Reserve Fund instead of from the appropriation for this division.

*Item 3.* — Expenditure of \$4,014.93 for repairing the piers on the Boston side of the North Ferry. This expense should have been met from a special appropriation. In this connection your attention is respectfully called to the condition of the ferry piers. All of them need constant care, and many of them, at this writing, need immediate repairs. The time has come when a special appropriation is needed to provide the means of replacing these old and worn out piers with some more modern, more substantial and more enduring system.

During the year it was found necessary to overhaul and repair the machinery on all the boats and to have three of

the boats placed upon the marine railway for needed repairs to hulls and seacocks.

In October turnstiles were put in operation at all of the headhouses, and now a correct system of collecting the toll of foot-passengers is in force. This improvement had been agitated for a generation, but never became a reality until this year.

With a view to preserving the decks of boats and affording better protection to machinery below, the experiment of paving the decks with wooden tarred blocks was tried on two boats, and the results have been favorable.

The most important improvement of the year was the completion of the new coal-pocket at the North Ferry, East Boston side. The matter of a commodious and up-to-date municipal coal-pocket at this location had long been before the city authorities, but it was not until this year that the desired end was reached. The new coal-pocket is a model of its kind and has a capacity of 2,500 tons.

The property in charge of this division is as follows :

*South Ferry, East Boston Side.* — Located at the termination of Lewis street, and covers an area of 58,725 square feet of land and water. On these premises are one head-house, with canopies ; one workshop for carpenters, machinists and blacksmith ; one storehouse and temporary waiting-room ; one new, modern coal-pocket ; three new piers which form the two slips ; two drops and tanks ; one new wharf and dock, where boats are laid when not in use or while undergoing repairs.

*South Ferry, Boston Side.* — Located at the termination of Eastern avenue, and covers an area of 38,135 square feet of land and water, on which are one head-house with canopies, one gate-room, three piers, which form the two slips, and two drops and tanks.

*North Ferry, Boston Side.* — Located at the termination of Battery street, and covers an area of 45,000 square feet of land and water, on which are one head-house with canopies, one gate-room, three piers which form the two slips, and two drops and tanks.

*North Ferry, East Boston Side.* — Located at the termination of Border street, and covers an area of 62,138 square feet of land and water, on which are one head-house with canopies, one boiler and oil-room, one stable, one coal-pocket, three piers which form the two slips, and two drops and tanks.

The following steam ferry-boats are in commission :

Name.	When built.	Kind.	Length.
Revere .....	1875	Side-wheel.	148 ft.
D. D. Kelly.....	1879	"	148 "
Hugh O'Brien.....	1883	"	163 "
General Hancock.....	1887	"	148 "
Noddle Island.....	1899	Propeller.	164 " 3 in.
Governor Russell.....	1900	"	164 " 3 "
General Sumner.....	1900	"	164 " 3 "

Respectfully submitted,

JOHN J. DOUGLASS,

*Deputy Superintendent.*

**STREET DEPARTMENT, FERRY DIVISION.**  
**CONSOLIDATED FINANCIAL STATEMENT FOR THE YEAR**  
**1906-07.**

**1. Receipts.**

Total cash receipts during the year . . . .	\$104,452 94
Cash withdrawn from tollmen's capital . . . .	350 00
Cash in hands of tollmen at beginning of year . . . . .	\$550 00
Cash withdrawn from tollmen . . . . .	350 00
	200 00
	\$105,002 94
Cash paid over to City Collector . . . . .	104,802 94
Balance of cash on hand at end of the year . .	\$200 00

**2. Appropriations and Expenditures.**

Balance unexpended from previous years (loans),	\$25,015 60
Received from City Treasurer by transfer . . .	22,463 83
Received from City Treasurer, annual appropriation for this division for 1906-07 . . . .	243,000 00
<sup>1</sup> Total appropriations of all kinds . . . . .	\$290,479 43
<sup>1</sup> Total expenditures of all kinds . . . . .	290,463 83
Balance unexpended (loans) . . . . .	\$15 60

**3. Result of Operations for the Year.**

Receipts for the year (net income) . . . . .	\$104,452 94
Withdrawn from tollmen . . . . .	350 00
	\$104,802 94

<sup>1</sup> Details of appropriations and expenditures given in Table 5.

## STREET DEPARTMENT — FERRY DIVISION.

93

Ordinary expenses . . .	\$265,463 83	
Building coal-pocket . . .	25,000 00	
	<hr/>	\$290,463 83
Interest on ferry debt . . .	. . .	18,114 18
		<hr/>
		\$308,578 01
Depreciation of boats . . .	\$13,362 56	
Depreciation of machinery and tools . . .	683 55	
Depreciation of buildings (real estate) . . .	4,000 00	
Decrease of stock of supplies .	5,941 79	
	<hr/>	23,987 90
		<hr/>
Net outgo for the year . . .	. . .	\$332,565 91
		<hr/>
Net loss for the year . . .	. . .	\$227,762 97
		<hr/>

## 4. Balance Sheet.

End of fiscal year January 31, 1907.

ASSETS.		LIABILITIES.	
AVAILABLE ASSETS :		CURRENT LIABILITIES :	
Cash on hand.....	\$200 00	None.	
Inventory of supplies, etc., on hand.....	4,295 14		
Total available assets.....	\$4,495 14		
CONTINGENT ASSETS :		CONTINGENT LIABILITIES :	
City treasury, balance of appropriations.....	15 60	Appropriations account.....	\$15 60
FIXED ASSETS :		FIXED LIABILITIES :	
Real estate and buildings <sup>1</sup> .....	2 573,400 00	Capital of the city invested in the ferries.....	3,947,323 29
New coal-pocket, North Ferry, not yet charged to real estate.....	25,000 00	Viz.: Total expenditures of all kinds for 49 years, including interest on debts.....	\$10,197,317 26
Ferryboats <sup>3</sup> .....	209,346 74	Less total receipts.....	6,249,993 97
Machinery, tools, etc.....	6,151 95		
Total tangible assets.....	\$818,409 43		
Avenues, etc., East Boston <sup>4</sup> .....	315,815 68		
Deficiency or loss by operation and maintenance of the ferries, 49 years, to date.....	2,813,113 78		
	\$3,947,338 89		\$3,947,338 89

<sup>1</sup> Original purchase of ferries..... \$276,375 00  
 New buildings, drops, slips, etc., cost to date... 485,092 10  
 Land, Lincoln's Wharf, cost, 1887..... 5,562 52  
 Land, Battery Wharf, cost, 1893..... 10,000 00

<sup>2</sup> Assessors' figures.  
 \$777,029 62

<sup>3</sup> Total cost to date, per ferry books..... \$618,070 58  
 Less boats sold, depreciated or destroyed..... 408,723 84

\$209,346 74

<sup>4</sup> Cost (net) previous to 1870, per ferry books, viz.:  
 "Expenditures for avenues"..... \$250,000 00  
 "Expenditures for improvements"..... 65,815 68

\$315,815 68  
 These expenditures were practically subsidies to the East Boston Ferry Company by the city before the ferries were purchased by the latter, and should properly be added to the deficiency or loss.

## 5. Comparison of Receipts, Appropriations and Expenditures for Five Years.

RECEIPTS.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.
From foot passengers, (tollmen).....	\$125,457 18	\$130,626 23	\$128,902 89	\$64,622 37	\$60,347 28
“ “ passes (office sales).....	1,470 70	994 70	1,073 10	606 10	668 70
“ extra passengers on team (gatemen).....	2,165 31	1,734 32	1,610 29	1,566 30	1,518 46
“ team tickets (office sales).....	547 50	1,113 00	1,065 00	218 50	463 00
“ strip team tickets (tollmen).....	27,168 50	27,353 50	27,322 50	26,091 50	25,813 00
“ teams (gatemen).....	13,308 09	12,857 56	13,567 37	13,514 68	13,910 98
“ City Collector for tickets.....	.....	1,367 50	438 00	453 50	688 00
“ free ferries, July 4.....	.....	1 00	1 00	1 00	1 00
Total from rates.....	\$170,117 28	\$176,047 81	\$173,980 15	\$107,073 95	\$103,410 42
From rents (Sargent's wharf and peddlers' privileges).....	2,477 50	656 50	1,324 50	1,217 67	930 66
“ old materials sold.....	46 45	72 00	166 25	111 47	74 90
“ other sources.....	551 50	732 00	680 30	75 00	36 96
Total ordinary receipts.....	\$173,192 73	\$177,508 31	\$176,151 20	\$108,478 09	\$104,452 94
From cash in hands of tollmen.....	.....	.....	.....	.....	350 00
Total receipts.....	\$173,192 73	\$177,508 31	\$176,151 20	\$108,478 09	\$104,802 94
Less rejected money (counterfeit, etc.).....	2 85	1 10	2 25	.....	.....
Total receipts turned over to city.....	\$173,189 88	\$177,507 21	\$176,148 95	\$108,478 09	\$104,802 94
APPROPRIATIONS.					
Regular appropriations.....	\$220,000 00	\$220,000 00	\$243,600 00	\$243,000 00	\$243,000 00
Special appropriations:					
Ferry improvements.....	100,000 00	.....	.....	25,000 00	.....
New coal-pocket, North Ferry, East Boston.....	.....	.....	.....	12,000 00	.....
Equipment of ferry-boats with life apparatus.....	.....	.....	.....	.....	.....
Total appropriations.....	\$320,000 00	\$220,000 00	\$243,600 00	\$280,000 00	\$243,000 00

5.—Comparison of Receipts, etc. — *Concluded.*

RECEIPTS.		1902-03.	1903-04.	1904-05.	1905-06.	1906-07.
EXPENDITURES (ORDINARY).						
Office:						
Superintendent's salary.....		\$3,000 00	\$3,000 00	\$3,000 00	\$3,000 00	\$3,000 00
Clerks and cashier.....		4,100 30	4,189 00	4,087 50	4,000 00	3,778 33
Stationery.....		348 59	397 05	396 89	256 45	394 79
Printing.....		1,342 84	918 58	898 49	734 42	1,116 86
Telephones.....		265 88	217 30	382 52	274 26	93 90
Keeping horse and repairing vehicle.....		947 90	675 93	602 56	620 60	1,379 34
Advertising, etc.....		102 07	129 22	10 50	22 75	
Examination of accounts, etc.....		469 00				200 00
Travelling expenses.....		70 00				
Premiums, surety companies.....		115 00	107 50	97 50	107 50	100 00
Total office expenditures.....		\$10,761 58	\$9,634 58	\$9,506 96	\$9,015 98	\$10,063 22
Ferry-boats and landings:						
Employees.....		130,562 51	149,850 77	164,666 42	161,965 81	158,244 23
Fuel.....		47,301 50	61,042 76	35,701 13	47,788 67	36,669 13
Teaming, wheeling coal, etc.....		5,143 00	5,552 60	5,648 45	5,572 80	4,963 80
Oil, waste and supplies.....		6,112 60	5,744 50	8,446 14	6,972 27	9,433 26
Tools, iron and hardware.....		2,702 22				
Gas.....		716 05	1,047 58	967 94	867 96	455 32
Electric light.....		6,749 35	7,611 62	7,176 04	5,593 10	5,326 60
Towing by horses.....		519 36		418 25		
" " electric power.....		600 00	600 00	554 50	207 40	243 40
Repairs of boats.....		6,164 08	6,949 43	15,299 12	11,022 02	21,145 72
" " buildings and drops.....		4,850 62	5,127 00	8,806 41	11,676 12	13,274 19
Furnishings, electric, etc.....		639 97	670 88	943 59	579 97	618 98



Damages.....	23 45	149 88	17 00	.....	5 00
Rent Sargent's wharf.....	4,000 00				
Other expenditures.....	842 00	553 63	175 25	833 80	25,020 98
Total from regular appropriations.....	\$227,688 29	\$254,535 23	\$258,126 20	\$261,995 90	\$265,463 83
EXPENDITURES FROM SPECIAL APPROPRIATIONS.					
New coal-pocket, North Ferry.....					
New ferry landing.....	10,639 71				25,000 00
Equipment of ferry-boats.....				11,719 37	
Ferry improvements.....	58,650 99	41,333 41			
Total expenditures, regular and special.....	\$296,978 99	\$295,868 64	\$258,126 20	\$273,715 27	\$290,463 83
Transfers to treasury.....				280 63	
Total expenditures, including transfers.....	\$296,978 99	\$295,868 64	\$258,126 20	\$273,995 90	\$290,463 83
Balances in treasury unexpended:					
From special appropriations.....	\$41,349 01	\$15 60	\$15 60	\$25,015 60	\$15 60

<sup>1</sup> Includes repair coal carts.<sup>2</sup> Includes execution of court, \$4,290.73.

### 6. Comparative Balance Sheets at the Close of each Year for Five Years.

	January 31, 1903.	January 31, 1904.	January 31, 1905.	January 31, 1906.	January 31, 1907.
<i>Assets.</i>					
Cash in hands of tollmen,	\$575 00	\$600 00	\$550 00	\$550 00	\$200 00
Accounts receivable.....	62 50	.....	12 50		
Fuel and supplies on hand.....	7,153 65	9,793 00	4,692 23	10,236 93	4,295 14
City Treasurer (balance of appropriations).....	41,349 01	15 60	15 60	25,015 60	15 60
Real estate and buildings (Assessors' valuations)	577,400 00	577,400 00	577,400 00	577,400 00	573,400 00
<sup>3</sup> New buildings.....	.....	.....	.....	.....	25,000 00
Ferry-boats (less depreciation).....	268,135 80	252,047 65	236,924 79	222,709 30	209,346 74
Machinery and tools.....	300 00	7,595 00	7,595 00	6,835 50	6,151 95
Total tangible assets...	\$894,975 96	\$847,451 25	\$827,190 12	\$842,747 33	\$818,409 43
Cost of avenues, etc., East Boston (previous to 1870) <sup>2</sup> .....	315,815 68	315,815 68	315,815 68	315,815 68	315,815 68
Deficiency of assets (loss)	2,168,337 23	2,309,834 96	2,428,943 34	2,620,543 31	2,823,306 28
Totals.....	\$3,379,128 87	\$3,473,101 89	\$3,571,949 14	\$3,779,106 32	\$3,957,531 39
<i>Liabilities.</i>					
Capital invested by City of Boston to date ....	\$3,337,779 86	\$3,473,086 29	\$3,571,933 54	\$3,754,090 72	\$3,957,515 79
Appropriations account (credit balances).....	41,349 01	15 60	15 60	25,015 60	15 60
Total liabilities.....	\$3,379,128 87	\$3,473,101 89	\$3,571,949 14	\$3,779,106 32	\$3,957,531 39

#### Details of Capital Invested by the City of Boston.

Total expenditures to date, per ferry books..	\$8,666,318 23	\$8,977,252 87	\$9,252,299 07	\$9,542,934 34	\$9,849,968 17
Interest on debt for the year (per City Auditor) .....	15,003 00	16,920 00	16,920 00	16,920 00	18,114 18
Interest previous years, etc. (net debits per Auditor) .....	279,148 85	279,148 85	279,148 85	279,148 85	279,148 85
Total expenditures....	<sup>1</sup> \$8,960,533 08	<sup>1</sup> \$9,273,321 72	<sup>1</sup> \$9,548,367 92	<sup>1</sup> \$9,839,003 19	<sup>1</sup> \$10,147,231 20
Deduct total receipts paid to Collector.....	<sup>1</sup> 5,622,753 22	<sup>1</sup> 5,800,235 43	<sup>1</sup> 5,976,434 38	<sup>1</sup> 6,084,912 47	<sup>1</sup> 6,189,715 41
Excess of expenditure, viz., capital invested by city.....	\$3,337,779 86	\$3,473,086 29	\$3,571,933 54	\$3,754,090 72	\$3,957,515 79

<sup>1</sup> Auditor's figures for total expenditures and receipts are \$60,278.56 more than above, the difference (capital invested) being the same. \$3,542.50 for additional interest, and \$33 counted twice on total of ferry books, have also been included in these figures.

<sup>2</sup> See footnote 4, under Table 4.

<sup>3</sup> Not yet included in real estate and buildings by Assessors.

**7. Total Expenditures upon Ferries since 1858-59.**

Expenditure for avenues, paving, interest, etc., previous to purchase of the ferries by the city, <sup>2</sup>	\$444,101 30
Purchase of ferries, April, 1870 . . . . .	276,375 00
<sup>1</sup> Expenditures for ferry-boats since April, 1870,	618,070 58
<sup>1</sup> Expenditures for new buildings, piers, drops, etc. . . . .	530,523 64
<sup>1</sup> Expenditures for tools and fixtures . . . . .	14,752 46
Expenditures for land from Lincoln's wharf in 1887 . . . . .	5,562 52
Expenditures for land from Battery wharf in 1893 . . . . .	10,000 00
Total expenditures on capital account . . . . .	\$1,899,385 50
<sup>1</sup> Expenditures for repairs of all kinds . . . . .	845,127 38
<sup>1</sup> Expenditures for fuel . . . . .	1,331,805 74
<sup>1</sup> Expenditures for salaries and wages . . . . .	4,533,017 43
Expenditures for all other purposes . . . . .	1,598,173 71
	<u>\$10,207,509 76</u>

**TOTAL RECEIPTS FROM FERRIES SINCE 1858-59.**

Receipts from rents, etc., previous to purchase of ferries . . . . .	\$29,588 56
<sup>1</sup> Receipts from ferry tolls since purchase of ferries . . . . .	5,966,557 73
<sup>1</sup> Receipts from rents since purchase of ferries . . . . .	61,424 79
<sup>1</sup> Receipts from sales of ferry-boats . . . . .	147,331 21
<sup>1</sup> Receipts from all other sources, per ferry books . . . . .	14,738 86
Receipts from all other sources, additional per Auditor . . . . .	30,690 00
	<u>\$6,250,331 15</u>
Less rejected money destroyed . . . \$104 18	
Less amount counted twice . . . . . 33 00	
Less amount in hands of tollmen . . . . . 200 00	
	<u>337 18</u>
Total per City Auditor's figures . . . . .	<u>\$6,249,993 97</u>

<sup>1</sup> According to books of the Ferry Division.<sup>2</sup> See footnote §, under Table 4.

REGULAR ANNUAL (ORDINARY) AND SPECIAL APPROPRIATIONS  
(EXTRAORDINARY) OF THE FERRY DIVISION OF THE STREET  
DEPARTMENT FOR THE YEAR ENDING JANUARY 31, 1907.

Appropriation for the year ending January 31, 1907 . . . . .	\$243,000 00
Received by transfer . . . . .	22,463 83
Total amount . . . . .	<u>\$265,463 83</u>
Amount of expenditures . . . . .	<u>\$265,463 83</u>

SPECIAL APPROPRIATIONS.

Appropriation authorized and issued May 27, 1902, for ferry improvements . . . . .	\$100,000 00
Amount expended from May 27, 1902, to Feb- ruary 1, 1907 . . . . .	<u>99,984 40</u>
Unexpended balance of appropriation, January 31, 1907 . . . . .	<u>\$15 60</u>
Appropriation authorized and issued July, 1905, for coal-pocket at North Ferry, East Boston . . . . .	<u>\$25,000 00</u>
Amount expended from July, 1905, to February 1, 1907 . . . . .	<u>\$25,000 00</u>

STATEMENTS SHOWING RECEIPTS AT EACH FERRY.

*North Ferry.*

From Tollman.	Foot Passengers.	Team Tickets.	Total.
No. 2 . . . . .	\$6,206 27	\$2,978 00	\$9,184 27
" 3 . . . . .	6,108 23	2,913 50	9,021 73
" 5 . . . . .	6,216 66	2,759 00	8,975 66
" 6 . . . . .	6,187 96	3,044 00	9,231 96
" 9 . . . . .	6,179 84	3,074 00	9,253 84
" 10 . . . . .	2,485 18	882 50	3,367 68
	<u>\$33,384 14</u>	<u>\$15,651 00</u>	<u>\$49,035 14</u>

## STREET DEPARTMENT — FERRY DIVISION. 101

From tollmen . . . . .	\$49,035 14
From gatemen :	
For 77,526 foot passengers, at 1 cent, . . . . .	\$775 26
For cash fares for teams . . . . .	6,964 90
	<u>7,740 16</u>
Total at North Ferry . . . . .	<u>\$56,775 30</u>

*South Ferry.*

From Tollman.	Foot Passengers.	Team Tickets.	Total.
No. 1.....	\$6,929 55	\$2,526 50	\$9,456 05
“ 4.....	6,541 72	2,484 00	9,025 72
“ 7.....	6,898 40	2,588 50	9,486 90
“ 8.....	6,573 39	2,562 00	9,135 39
“ 11.....	7 11	50	7 61
“ 12.....	12 97	50	13 47
	<u>\$26,963 14</u>	<u>\$10,162 00</u>	<u>\$37,125 14</u>

From tollmen . . . . .	\$37,125 14
From gatemen :	
For 74,320 foot passengers, at 1 cent . . . . .	\$743 20
For cash fares for teams . . . . .	6,946 08
	<u>7,689 28</u>
Total at South Ferry . . . . .	<u>\$44,814 42</u>

North and South Ferries, as above . . . . .	\$101,589 72
Tickets paid for at office of City Collector . . . . .	688 00
Tickets paid for at office of Ferry Division . . . . .	1,131 70
Received in lieu of free ferries, July 4, 1906 . . . . .	1 00
Total ferriage receipts . . . . .	<u>\$103,410 42</u>
Rents for the year . . . . .	455 66
Sales of old material, head-house privileges, etc. . . . .	586 86
Total cash receipts, as above . . . . .	<u>\$104,452 94</u>

STATEMENT SHOWING THE DIFFERENCE OF TRAVEL ON THE  
FERRIES FROM FEBRUARY 1, 1906, TO FEBRUARY 1, 1907.

	North Ferry.	South Ferry.
Foot passengers at 1 cent each . . . . .	3,415,940	2,770,634
Foot passengers by ticket . . . . .	69,624	36,195
Foot passengers free . . . . .	30,514	3,490
Total foot passengers . . . . .	<u>3,516,078</u>	<u>2,810,319</u>
One-horse teams and pleasure carriages . . . . .	448,785	337,900
Two-horse teams . . . . .	126,938	98,086
Three-horse teams . . . . .	6,056	4,353
Four-horse teams . . . . .	5,233	6,314
Two-horse pleasure carriages and hacks . . . . .	10,700	7,871
Handcarts, etc. . . . .	3,921	1,015
Drag-wheels . . . . .	26	15
Free teams . . . . .	4,856	321
Total teams . . . . .	<u>606,515</u>	<u>455,875</u>

TOTAL TRAVEL ON BOTH FERRIES FROM FEBRUARY 1, 1902, TO  
FEBRUARY 1, 1907.

	From Feb. 1, 1902, to Feb. 1, 1903.	From Feb. 1, 1903, to Feb. 1, 1904.	From Feb. 1, 1904, to Feb. 1, 1905.	From Feb. 1, 1905, to Feb. 1, 1906.	From Feb. 1, 1906, to Feb. 1, 1907.
One-horse teams.....	641,796	621,329	650,687	626,518	786,685
Two-horse teams.....	249,714	252,048	254,726	225,361	225,024
Three-horse teams.....	7,486	8,244	9,605	9,169	10,409
Four-horse teams.....	13,180	12,995	12,931	11,678	11,547
Two-horse carriages and hacks,	19,115	19,594	19,968	21,728	18,571
Two-cent tolls for handcarts, etc. ....	6,720	6,847	4,560	4,518	4,936
Drag-wheels, etc.....	86	11	32	88	41
Foot passengers.....	12,923,734	13,213,559	13,200,033	6,708,152	6,292,393

## TICKET STATEMENT FOR THE YEAR 1906-7.

	Balance out- standing Jan. 31, 1906.	Sold during the Year.	Delivered on Requisitions.	Total.	Received and Destroyed.	Balance out- standing Jan. 31, 1907.
Foot passes.....	224,372	66,870	35,350	326,592	105,819	220,773
One-horse team tickets....	83,870	348,976	4,672	437,518	349,017	88,501
Two-horse team tickets...	52,217	202,528	2,336	257,081	202,029	55,052
Three-horse team tickets..	5,554	9,288	.....	14,842	9,082	5,760
Four-horse team tickets...	7,051	10,640	.....	17,691	10,297	7,394
One-horse carriage tickets	21,732	17,500	1,200	40,432	17,650	22,782
Two-horse carriage tickets	2,569	8,740	.....	11,309	8,725	2,584

## APPENDIX C.

REPORT OF THE CITY ENGINEER ON SPECIAL  
WORK.

CITY OF BOSTON, ENGINEERING DEPARTMENT,  
50 CITY HALL, February 1, 1907.

HON. JAMES H. DOYLE,

*Superintendent of Streets :*

SIR, — I herewith submit the following report of the work done for the Street Department during the year ending January 31, 1907.

## ALFORD-STREET SEA-WALL.

A plan and specifications were made for repairing about fifty-four feet of the Alford-street sea-wall, on the westerly side of the street on the Charlestown end, near the Malden bridge abutment.

The old wall was removed to the surface of the ground and the wall rebuilt, using the best of the old stones and some new granite blocks.

The work was done by H. J. White under his contract, dated June 15, 1906, at a cost of \$1,000, and was completed July 18, 1906.

BRIDGE CONNECTING SUMMER-STREET BRIDGE WITH  
CONGRESS-STREET BRIDGE.

A contract was made with George T. Rendle, November 15, 1906, for rebuilding about sixty-four feet of this bridge, which had fallen from excessive loading, and doing other work on the bridge.

The work was completed January 15, 1907, at a cost of \$1,763.61 for labor, piles and iron.

## EAST BOSTON FERRIES.

*Coal-pocket.* — A contract was made with George Hayes, November 3, 1905, for removing the old coal shed and wharf at the East Boston landing of the North Ferry, and building



a new wharf, a coal-pocket and a small storehouse. After the contract was made the old shed was nearly filled with coal by the Ferry Division, and the work of tearing down the old shed was not begun until May 17, 1906, at which time most of the coal had been used. The contract work was completed November 8, except painting the coal-pocket and building the storehouse. The painting was completed December 19. Coal was delivered in the new pocket the latter part of January.

*Ferry Piers, etc.*— Estimates were made of the cost of putting all the ferry piers in first-class condition, and for repairing the sea-wall on the Boston side of the South Ferry.

*North Ferry, Boston Side.*— A contract was made with Lawler Bros., June 15, for repairing the north and middle piers. Fifty-three new piles were driven, 180 linear feet were replanked, many walling pieces and a few girders were renewed. The work was completed October 24, at a cost of \$4,014.96.

#### ASSESSMENT STREETS.

Working plans and specifications were prepared and forwarded to the Street Department for the construction of the following assessment streets:

*Arcadia park*, Ditson street to Arcadia street.  
*Aspinwall road*, Washington street to Talbot avenue.  
*Bakersfield street*, Stoughton street to Willis street.  
*Bradshaw street*, Charlotte street to Esmond street.  
*Clement avenue*, Meredith street to Stratford street.  
*Jersey street*, Brookline avenue to Audubon road.  
*Longfellow street*, Topliff street to Draper street.  
*Lorraine street*, Colberg avenue to Belgrade avenue.  
*Meredith street*, Kenneth street to Clement avenue.  
*Milwood street*, Adams street to Milton street.  
*Pomfret street*, Maple street to Corey street.  
*Primrose street*, Walter street to Fairview street.  
*Queensberry street*, Audubon road to Audubon road.  
*Rockledge street*, Lambert avenue to Thornton street.  
*Roseland street*, Dorchester avenue to Samoset street.  
*Rosemary street*, South street to land of Old Colony Railroad.

Surveys have been made, levels taken and working plans prepared for the following assessment streets:

*Boyden street*, Lauriat avenue to Callender street.  
*Claybourne street*, Dakota street to Bowdoin street.  
*Cottage street*, Maverick street to Gove street.  
*Dahlgren street*, Westville street to Corona street.

*Davitt street*, Savin Hill avenue to 247 feet northeasterly.  
*Everdean street*, Green Hill street to Preston street.  
*Fottler road*, Walk Hill street 267 feet northeasterly.  
*Frankfort street*, Maverick street to Gove street.  
*Hobson street*, Faneuil street to Hobart street.  
*Kilton street*, Harvard street to Park street.  
*Mullet street*, Florida street to Adams street.  
*Mapleton street*, Murdock street to Market street.  
*Marmion street*, Cornwall street 306 feet northeasterly.  
*Oakridge street*, Codman street to Morton street.  
*Speedwell street*, Topliff street to Hamilton street.  
*Willowwood street*, Lauriat avenue to Norfolk street.

#### PLANS AND SPECIFICATIONS FOR REPAVING STREETS.

Preliminary surveys were made, working plans and specifications were prepared and forwarded to the Street Department for repaving the following streets :

*Albany street*, Northampton street to Eustis street.  
*Berkeley street* (easterly side), Boylston street to Providence street.  
*Berkeley street*, Tremont street to Columbus avenue.  
*Blue Hill avenue*, Dewey street to Savin street.  
*Blue Hill avenue*, Brunswick street to Devon street.  
*Brimmer street*, Chestnut street 180 feet southerly.  
*C street*, West First street to Fargo street.  
*Columbus avenue*, Cazenove street to Camden street.  
*Columbus avenue*, Camden street to Station street.  
*Congress street*, Fort Point Channel to N. Y., N. H & H. R. R.  
*Dacia street*, Dove street, across Woodcliff street.  
*Essex street* (Charlestown), Rutherford avenue to Hancock square.  
*Eustis street*, at Albert Palmer school.  
<sup>1</sup>*Evans street*, Milton avenue to Morton street.  
*Florence street*, Washington street to Harrison avenue.  
<sup>1</sup>*Franklin street*, Oliver street to Broad street.  
*Garden-court street*, North square to Fleet street.  
*Hanover street*, Union street to Tileston street.  
*Hawley street*, Franklin street to Summer street.  
*Huntington avenue*, Dartmouth street to B. & A. R. R. bridge.  
*Joiner street*, Park street to Chelsea street.  
*K street*, East Fourth street to East Sixth street.  
*Lynn street*, Thacher street to Cooper street.  
<sup>1</sup>*Main street* (Charlestown), B. & M. R. R. bridge to Somerville line.  
*Meridian street*, Maverick square to Central square.  
*Moon street*, North square to Fleet street.  
<sup>1</sup>*Nelson street*, Norfolk street to Evans street.  
*North square*, North street to Moon street.

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<sup>1</sup>Plans only were forwarded.

*Palmer street*, at Albert Palmer school.

*Park square*, Boylston street across Eliot street.

*Pleasant street* (Charlestown), Warren street to Main street.

*Prince street*, Garden-court street to Hanover street.

*Providence street*, Berkeley street to Clarendon street.

*Washington street*, Beach street to Milk street.

<sup>1</sup> *Washington street* (Dorchester), Euclid street to Ashmont street.

<sup>1</sup> *Washington street* (Dorchester), Ashmont street to Armandine street.

*Wilkes street*, Washington street to Bradford street.

*Woodcliff street*, Blue Hill avenue to Dacia street.

### MISCELLANEOUS.

Preliminary surveys have been made and plans prepared for repaving the following streets :

*A street*, Richards street to Congress street.

*Fulton street*, Clinton street to Lewis street.

*Marlborough street*, Exeter street to Massachusetts avenue.

*Stillman street*, Salem street to North Margin street.

### GRADING STREET RAILWAY TRACKS.

The necessary surveys have been made and grades for surface tracks have been determined in the following streets :

*Arlington avenue*.

*Bartlett street*, Washington street to car house.

*Berkeley street*, Tremont street to Columbus avenue.

*Blue Hill avenue*, Dewey street to Savin street.

*Centre street*, Pond street to South street.

*Columbus avenue*, Cazenove street to Station street.

*Eagle street*, Shelby street to car house.

*Eustis street*, at Albert Palmer school.

*Faneuil street*, Oak square to car house.

*Hanover street*, Union street to Tileston street.

*Hawley street*, Franklin street to Summer street.

*Huntington avenue*, Dartmouth street to B. & A. R.R. bridge.

*Huntington avenue*, Francis street to Jamaica way.

*Main street* (Charlestown), B. & M. R.R. bridge to Somerville line.

*Massachusetts avenue*, Huntington avenue to Columbus avenue.

*Meridian street*, Maverick square to Central square.

*Oak square*, Washington street to Faneuil street.

*Park square*, Boylston street across Eliot street.

*Roxbury street*, Linden Park street to Eliot square.

*Washington street*, Beach to Milk street.

*Washington street* (Roxbury), Bartlett street to Guild street.

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<sup>1</sup> Plans only were forwarded.

*Washington street* (Dorchester), south of Kilton street to Bowdoin street.

*Washington street* (Dorchester), Ashmont street to beyond Armandine street.

*New York, New Haven & Hartford R.R.*

*C street*, track crossing near Fargo street.

*Congress street*, track crossing at end of street.

*Union Freight Railroad.*

*Atlantic avenue*, at State street.

Total length of single track=10.5 miles.

Preliminary estimates have been made of the cost of repaving 10 streets and for constructing 81 streets.

Respectfully submitted,

WILLIAM JACKSON,  
*City Engineer.*

## APPENDIX D.

FORMER SUPERINTENDENTS AND DOCUMENT  
NUMBERS OF ANNUAL REPORTS.

## Paving Department before 1891.

NAME.	Year.
Enoch Patterson, Superintendent Streets and Drains.....	1825 to 1831
Zephaniah Sampson " " " ".....	1831 to 1846
Thomas Hunting, Superintendent.....	1846 to 1853
Alfred T. Turner, ".....	1853 to 1864
Charles Harris, ".....	1864 to 1883
Nehemiah T. Merritt, ".....	1883
James J. Flynn ".....	1883
Charles Harris, ".....	1884
Michael Meehan, ".....	1884 to 1886
John W. McDonald, ".....	1886 to 1889
J. Edwin Jones, ".....	1889 to 1891

## Paving Department before 1891.

NAME OF DOCUMENT.	For Year	Year Published.	Number of Document.
Quarterly report.....		1851	6
" ".....		1851	29
Annual report.....	1851	1852	2
" ".....	1852	1853	6
" ".....	1853	1854	6
" ".....	1854	1855	5
" ".....	1855	1856	3
" ".....	1856	1857	3
" ".....	1857	1858	3
" ".....	1858	1859	5
" ".....	1859	1860	6
" ".....	1860	1861	5
" ".....	1861	1862	4
" ".....	1862	1863	3
" ".....	1863	1864	3
" ".....	1864	1865	7
" ".....	1865	1866	3
" ".....	1866	1867	6
" ".....	1867	1868	9
" ".....	1868	1869	14

**Paving Department before 1891. — Concluded.**

NAME OF DOCUMENT.	For Year	Year Published.	Number of Document.
Annual report.....	1869	1870	13
“ “ .....	1870	1871	12
“ “ .....	1871	1872	16
“ “ .....	1872	1873	21
“ “ .....	1873	1874	25
“ “ .....	1874	1875	27
“ “ .....	1875	1876	30
“ “ .....	1876	1877	38
“ “ .....	1877	1878	29
“ “ .....	1878	1879	24
“ “ .....	1879	1880	24
“ “ .....	1880	1881	48
“ “ .....	1881	1882	51
“ “ .....	1882	1883	47
“ “ .....	1883	1884	46
“ “ .....	1884	1885	97
“ “ .....	1885	1886	30
“ “ .....	1886	1887	16
“ “ .....	1887	1888	23
“ “ .....	1888	1889	30
“ “ .....	1889	1890	19
“ “ .....	1890	1891	*

\*Published in annual report, Executive Department, Part II., City Document No. 1, 1891.

**Ferry Department before 1895.**

NAME.	YEAR.	
Board of Ferry Directors.....	1870	1891
William J. Burke, Superintendent.....	1891	May 1, 1895
Thomas Kellough. ....	May 1, 1895	July 1, 1895

**Ferry Department before 1895.**

NAME OF DOCUMENT.	For Year	Year Published.	Number of Document.
Annual report.....	1870	1871	41
“ “ .....	1871	1872	55
“ “ .....	1872	1873	81
“ “ .....	1873	1874	42
“ “ .....	1874	1875	65
“ “ .....	1875	1876	51
“ “ .....	1876	1877	53
“ “ .....	1877	1878	49
“ “ .....	1878	1879	60
“ “ .....	1879	1880	74

**Ferry Department before 1895.— Concluded.**

NAME OF DOCUMENT.	For Year	Year Published.	Number of Document.
Annual report.....	1880	1881	77
“ “.....	1881	1882	72
“ “.....	1882	1883	93
“ “.....	1883	1884	76
“ “.....	1884	1885	72
“ “.....	1885	1886	28
“ “.....	1886	1887	12
“ “.....	1887	1888	10
“ “.....	1888	1889	3
“ “.....	1889	1890	4
“ “.....	1890	1891	*
“ “.....	1891	1892	12
“ “.....	1892	1893	11
“ “.....	1893	1894	11
“ “.....	1894	1895	11

\*Published in annual report, Executive Department, Part I., City Document No. 1, 1891.

**Street Department since 1891.***Superintendent.*

Henry H. Carter, Member of American Society Civil Engineers.

*Resigned December 8, 1894.*

Charles R. Cutter, *Acting Superintendent from December 8, 1894, to January 14, 1895.*

Member of the Boston Society Civil Engineers.

Bertrand T. Wheeler, *Superintendent from January 14, 1895, to February 4, 1896.*

Member of the Boston Society Civil Engineers.

Benjamin W. Wells, *Superintendent from February 14, 1896, to February 1, 1900.*

Bertrand T. Wheeler, *Superintendent from February 2, 1900, to November 25, 1901.*

Member of the Boston Society Civil Engineers.

*Resigned November 25, 1901.*

William Jackson, *Acting Superintendent from November 25, 1901, to January 14, 1902.*

Member of the American Society Civil Engineers.

Guy C. Emerson, *Deputy Superintendent in charge of the Department, from November 25, 1901, to January 14, 1902.*

Member of the Boston Society Civil Engineers.

James Donovan, *Superintendent from January 14, 1902, to January 2, 1906.*

*Resigned January 2, 1906.*

Charles Logue, *Acting Superintendent from January 2, 1906, to February 28, 1906.*

James H. Doyle, *Superintendent from March 1, 1906, to the present time.*

FERRY DIVISION.—Thomas Kellough, *Deputy Superintendent from July 1, 1895, to February 14, 1896.*

FERRY DIVISION.—William F. McClellan, *Deputy Superintendent from February 14, 1896, to February 3, 1900.*

FERRY DIVISION.—Joseph J. Dennison, *Deputy Superintendent from February 5, 1900, to January 22, 1902.*

FERRY DIVISION.—William J. Donovan, *Deputy Superintendent from January 22, 1902, to January 2, 1906. Resigned January 2, 1906, and appointed Acting Deputy Superintendent from January 2, 1906, to January 31, 1906.*

FERRY DIVISION.—Joseph F. Low, *Acting Deputy Superintendent from February 1, 1906, to May 13, 1906.* John J. Douglass, *Deputy Superintendent from May 14, 1906, to the present time.*

PAVING DIVISION.—Charles R. Cutter, *Deputy Superintendent until January 24, 1895.*

PAVING DIVISION.—Darius N. Payson, *Deputy Superintendent from January 24, 1895, to March 1, 1896.*

PAVING DIVISION.—John L. Kelly, *Deputy Superintendent from March 1, 1896, to February 3, 1900.*

PAVING DIVISION.—Darius N. Payson, *Deputy Superintendent from February 5, 1900, to January 24, 1902.*

PAVING DIVISION.—Joshua Atwood, 3d, *Acting Deputy Superintendent from January 24, 1902, to March 26, 1902.*

PAVING DIVISION.—Henry V. Macksey, *Deputy Superintendent from March 26, 1902, to December 2, 1905. Resigned December 2, 1905.*

PAVING DIVISION.—James H. Sullivan, *Acting Deputy Superintendent from December 2, 1905, to February 28, 1906.*

### Street Department.

NAME OF DOCUMENT.	For Year	Year Published.	Number of Document.
Annual report, Executive Dept. Part II.,	1891	1892	36
" " " " " "	1892	1893	34
" " " " " "	1893	1894	34
" " " " " "	1894	1895	34
" " " " " "	1895	1896	29
" " " " " "	1896	1897	29
" " " " " "	1897	1898	34
" " " " " "	1898	1899	35
" " " " " "	1899	1900	38
" " " " " "	1900	1901	38
" " " " " "	1901	1902	38
" " " " " "	1902	1903	40
" " " " " "	1903	1904	40
" " " " " "	1904	1905	40
" " " " " "	1905	1906	40
" " " " " "	1906	1907	42

### Comparative Table showing the Number of Employees February 1, 1906, and February 1, 1907.

	Paving.	Ferry.	Total.
February 1, 1906. ....	934	168	1,102
February 1, 1907. ....	919	164	1,083









